

1) Who is responsible for configuration management under the AWS shared responsibility model?

- A. It is solely the responsibility of the customer.
- B. It is solely the responsibility of AWS.
- •C. It is shared between AWS and the customer.
- D. It is not part of the AWS shared responsibility model.

2) Which compute hosting model should be accounted for in the Total Cost of Ownership (TCO) when undertaking a cost analysis that allows physical isolation of a customer workload?

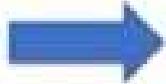
- 
- A. Dedicated Hosts
 - B. Reserved Instances
 - C. On-Demand Instances
 - D. No Upfront Reserved Instances

3) Who is accountable for security and compliance under the AWS shared responsibility model?

- A. The customer is responsible.
- B. AWS is responsible.
- •C. AWS and the customer share responsibility.
- D. AWS shares responsibility with the relevant governing body.

4) Which of the following is a critical design concept for architecting cloud applications?

- A. Use the largest instance possible
- B. Provision capacity for peak load
- C. Use the Scrum development process
- D. Implement elasticity



5) Who is the main point of contact for billing or account questions if a user has an AWS account with an Enterprise-level AWS Support plan?

- A. Solutions architect
- •B. AWS Concierge Support team
- C. An AWS Marketplace seller
- D. AWS Partner Network (APN) partner

6) What is one technique to provide unified billing if each department within a firm has its own AWS account?

- 
- A. Use AWS Budgets on each account to pay only to budget.
 - B. Contact AWS Support for a monthly bill.
 - C. Create an AWS Organization from the payer account and invite the other accounts to join.
 - D. Put all invoices into one Amazon Simple Storage Service (Amazon S3) bucket, load data into Amazon Redshift, and then run a billing report.

7) Which cloud architecture design concept is supported by distributing workloads across various Availability Zones?

- 
- A. Implement automation.
 - B. Design for agility.
 - C. Design for failure.
 - D. Implement elasticity.

8) Which security-related duty is AWS accountable for under the AWS shared responsibility model?

- 
- A. Lifecycle management of IAM credentials
 - B. Physical security of global infrastructure
 - C. Encryption of Amazon EBS volumes
 - D. Firewall configuration

9) According to the AWS shared responsibility model, who is responsible for managing IAM user access and secret keys?

- 
- A. IAM access and secret keys are static, so there is no need to rotate them.
 - B. The customer is responsible for rotating keys.
 - C. AWS will rotate the keys whenever required.
 - D. The AWS Support team will rotate keys when requested by the customer.

10) To install a PCI-compliant workload on AWS, which of the following tasks is required?

- A. Use any AWS service and implement PCI controls at the application layer
- B. Use an AWS service that is in-scope for PCI compliance and raise an AWS support ticket to enable PCI compliance at the application layer
- C. Use any AWS service and raise an AWS support ticket to enable PCI compliance on that service
- D. Use an AWS service that is in scope for PCI compliance and apply PCI controls at the application layer



11) Which of the following is a suggestion made by an AWS Trusted Advisor? (Select two.)

- •A. Cost optimization
- B. Auditing
- C. Serverless architecture
- •D. Performance
- E. Scalability

12) Which pillar of the AWS Well-Architected Framework is supported by the design philosophy of performing operations as code?

- A. Performance efficiency
- B. Operational excellence
- C. Reliability
- D. Security

13) What is the customer's responsibility while using Amazon RDS?

- A. Patching and maintenance of the underlying operating system.
- B. Managing automatic backups of the database.
- C. Controlling network access through security groups.
- D. Replacing failed instances in the event of a hardware failure.

14) Which of the following operational controls do users completely inherit from AWS as part of the AWS shared responsibility model?

- 
- A. Security management of data center
 - B. Patch management
 - C. Configuration management
 - D. User and access management

15) What is the customer's obligation while using an AWS managed service under the AWS shared responsibility model?

- A. Physical security of the data centers
- B. Server-side encryption
- C. Customer data
- D. Operating system patching



16) Which pillar of the AWS Well-Architected Framework is designed on the idea of frequent, minor, reversible changes?

- A. Reliability
- •B. Operational excellence
- C. Performance efficiency
- D. Cost optimization

17) Which AWS service can identify the person who made the API request when an Amazon EC2 instance is terminated?

- 
- A. Amazon CloudWatch
 - B. AWS CloudTrail
 - C. AWS X-Ray
 - D. AWS Identity and Access Management (IAM)

18) All AWS users have access to which AWS Trusted Advisor check?

- 
- A. Core checks
 - B. All checks
 - C. Cost optimization checks
 - D. Fault tolerance checks

19) Which of the following is an example of security in the AWS Cloud under the AWS shared responsibility model?

- A. Managing edge locations
- B. Physical security
- C. Firewall configuration
- D. Global infrastructure



20) Permissions for which of the following are managed by service control policies (SCPs)?

- A. Availability Zones
- B. AWS Regions
- C. AWS Organizations
- D. Edge locations

21) Which of the following AWS services should a client utilize to audit the change management of AWS resources?

- 
- A. AWS Config
 - B. AWS Trusted Advisor
 - C. Amazon CloudWatch
 - D. Amazon Inspector

22) What is raised when a business deploys web servers across several AWS Regions?

- A. Coupling
- B. Availability
- C. Security
- D. Durability



23) Which of the following is a shared control between a client and AWS under the shared responsibility model?

- A. Physical controls
- B. Patch management
- C. Zone security
- D. Data center auditing

24) According to the AWS shared responsibility model, which job is shared between AWS and the customer?

- A. Physical and environmental controls
- B. Server hardware management and encryption
- C. Application security
- D. Patch management and configuration management



25) How should an application be created to function on the AWS Cloud in accordance with best practices?

- 
- A. Use tightly coupled components.
 - B. Use loosely coupled components.
 - C. Use infrequently coupled components.
 - D. Use frequently coupled components.

26) Which cloud architectural concept is supported by a system that can scale in terms of users, traffic, or data quantity without sacrificing performance?

- A. Think parallel
- •B. Implement elasticity
- C. Decouple your components
- D. Design for failure

27) The following describes an application that spans various Availability Zones:



- A. being highly available
- B. having global reach
- C. using an economy of scale
- D. having elasticity

28) Which duty is the customer's responsibility while administering AWS Lambda functions under the AWS shared responsibility model?

- 
- A. Creating versions of Lambda functions
 - B. Maintaining server and operating systems
 - C. Scaling Lambda resources according to demand
 - D. Updating the Lambda runtime environment

29) Which of the following is not a duty of the client under the AWS shared responsibility model? (Select two.)

- A. Decommissioning of physical storage devices
- B. Security group and ACL configuration
- C. Patch management of an Amazon RDS instance operating system
- D. Controlling physical access to data centers
- E. Patch management of an Amazon EC2 instance operating system

30) Which service or functionality does AWS Enterprise Support provide that other AWS Support subscriptions do not?

- A. AWS Trusted Advisor
- B. AWS Support case
- •C. Concierge team
- D. Amazon Connect

31) What attributes of an AWS account can AWS Trusted Advisor monitor and advise on? (Select two.)

- •A. Compliance with security best practices
- B. Application performance
- C. Network utilization
- •D. Cost optimization
- E. Compliance status

32) Which feature enables Amazon EC2 instances to be more elastic in response to changing workload demand?

- 
- A. Virtualization Management
 - B. Hardware management
 - C. Encryption management
 - D. Facilities management
 - E. Firewall management

33) What is the unique advantage that Enterprise Support customers receive?

- A. Access to a Technical Project Manager
- B. Access to a Technical Account Manager
- C. Access to a Cloud Support Engineer
- D. Access to a Solutions Architect



34) What are the advantages of AWS Cloud elasticity?

- A. Ensure web traffic is automatically spread across multiple AWS Regions.
- B. Minimize storage costs by automatically archiving log data.
- C. Enable AWS to automatically select the most cost-effective services.
- D. Automatically adjust the required compute capacity to maintain consistent performance.

35) Which cost components should be addressed when developing a cloud Total Cost of Ownership (TCO) model for AWS workloads? (Select three.)

- •A. Compute costs
- •B. Facilities costs
- •C. Storage costs
- •D. Data transfer costs
- •E. Network infrastructure costs
- •F. Hardware lifecycle costs

Components of TCO

36) Which of the following are capabilities of the AWS Cost Management tools? (Select two.)

- A. Terminate all AWS resources automatically if budget thresholds are exceeded.
- •B. Break down AWS costs by day, service, and linked AWS account.
- •C. Create budgets and receive notifications if current or forecasted usage exceeds the budgets.
- D. Switch automatically to Reserved Instances or Spot Instances, whichever is most cost-effective.
- E. Move data stored in Amazon S3 to a more cost-effective storage class.

37) How should an Amazon EC2 instance be granted access to an Amazon S3 bucket in accordance with security best practices?

- A. Hard code an IAM user's secret key and access key directly in the application, and upload the file.
- B. Store the IAM user's secret key and access key in a text file on the EC2 instance, read the keys, then upload the file.
- •C. Have the EC2 instance assume a role to obtain the privileges to upload the file.
- D. Modify the S3 bucket policy so that any service can upload to it at any time.

38) Which of the following price options would result in the highest reduction after making an Amazon EC2 Dedicated Host reservation?

- A. No upfront payment
- B. Hourly on-demand payment
- C. Partial upfront payment
- •D. All upfront payment

39) Which AWS services and/or features increase availability and mitigate the effect of failures while constructing a typical three-tier web application? (Select two.)

- •A. AWS Auto Scaling for Amazon EC2 instances
- •B. Amazon VPC subnet ACLs to check the health of a service
- •C. Distributed resources across multiple Availability Zones
- D. AWS Server Migration Service (AWS SMS) to move Amazon EC2 instances into a different Region
- E. Distributed resources across multiple AWS points of presence

40) Which of the following IT responsibilities may AWS relieve a company's IT team of? (Select two.)

- ➡ A. Patching database software
- ➡ B. Storage capacity planning
- C. Creating database schemas
- D. Setting up access controls for data
- E. Writing application code

41) Which of the following is included in the AWS Trusted Advisor checks? (Select two.)

- •A. Information on Amazon S3 bucket permissions
- •B. AWS service outages
- C. Multi-factor authentication enabled on the AWS account root user
- D. Available software patches
- E. Number of users in the account

42) What is AWS accountable for under the AWS shared responsibility model?

- A. Configuring Amazon VPC
- B. Managing application code
- C. Maintaining application traffic
- D. Managing the network infrastructure



43) Which of the following tasks may be used to improve Amazon EC2 costs? (Select two.)

- •A. Implementing Auto Scaling groups to add and remove instances based on demand.
- B. Creating a policy to restrict IAM users from creating new instances.
- C. Setting a budget to limit spending on EC2 instances using AWS Budgets.
- •D. Purchasing Reserved Instances.
- E. Adding EC2 instances to a second AWS Region that is geographically close to the end users.

44) Which of the following is a customer duty under the AWS shared responsibility model?

- 
- A. Installing security patches for the Xen and KVM hypervisors
 - B. Installing operating system patches for Amazon DynamoDB
 - C. Installing operating system security patches for Amazon EC2 database instances
 - D. Installing operating system security patches for Amazon RDS database instances

45) A firm wishes to develop a new line of business application.

Which design concepts should be applied in accordance with the AWS Well-Architected Framework? (Select two.)

- A. Consolidate multiple AWS accounts into a single account.
- B. Buy and host hardware in the AWS Cloud.
- C. Decouple the AWS Cloud architecture to break up monolithic deployments.
- D. Move on-premises network hardware to VPCs.
- E. Design elasticity into the AWS Cloud design.

46) Which scenarios should a user report to the AWS Abuse team? (Select two.)

- •A. A DDoS attack is being made on an AWS resource.
- •B. A SQL injection attack is being made from an IP address that is not an AWS address.
- •C. AWS resources are being used to host objectionable or illegal content.
- D. A company's resources are being used in a way that is inconsistent with corporate policy.
- E. A company is receiving HTTPS requests on a web server that is serving HTTP.

47) Which of the following is the customer's obligation under the AWS shared responsibility model?

- 
- A. Patching guest OS and applications
 - B. Patching and fixing flaws in the infrastructure
 - C. Physical and environmental controls
 - D. Configuration of AWS infrastructure devices

48) Which AWS serverless platform services are included?

- A. Amazon EC2, Amazon S3, Amazon Athena
- B. Amazon Kinesis, Amazon SQS, Amazon EMR
- C. AWS Step Functions, Amazon DynamoDB, Amazon SNS
- D. Amazon Athena, Amazon Cognito, Amazon EC2



49) According to the AWS shared responsibility model, which of the following is the customer's obligation?

- A. Patching underlying infrastructure
- B. Physical security
- •C. Patching Amazon EC2 instances
- D. Patching network infrastructure

50) Which of the following is the customer's obligation under the shared responsibility model?

- A. Ensuring that disk drives are wiped after use.
- B. Ensuring that firmware is updated on hardware devices.
- C. Ensuring that data is encrypted at rest.
- D. Ensuring that network cables are category six or higher.



51) What is the AWS Cloud's value proposition?

- A. AWS is responsible for security in the AWS Cloud
- •B. No long-term contract is required
- C. Provision new servers in days
- D. AWS manages user applications in the AWS Cloud

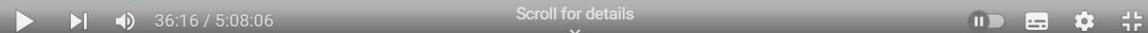
Correct Answer: B



52) Which of the following describes elasticity in the AWS Cloud? (Select two.)

- A. How quickly an Amazon EC2 instance can be restarted
- •B. The ability to rightscale resources as demand shifts
- C. The maximum amount of RAM an Amazon EC2 instance can use
- D. The pay-as-you-go billing model
- •E. How easily resources can be produced when they are needed

Correct Answer: BE



53) After studying the AWS Cost and Usage report in the AWS Management Console, a Cloud Practitioner detects a billing problem.

Which course of action should be done to rectify this?

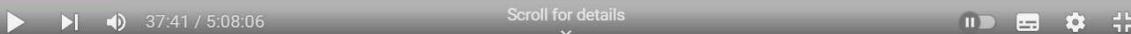
- •A. Open a detailed case related to billing and submit it to AWS Support for help.
- B. Upload data describing the issue to a new object in a private Amazon S3 bucket.
- C. Create a pricing application and deploy it to a right-sized Amazon EC2 instance for more information.
- D. Proceed with creating a new dashboard in Amazon QuickSight.

Correct Answer: A

54) Which action, in terms of AWS Cloud architecture, is compatible with the concept of least privilege?

- •A. Allow users the minimum access that is needed to do a task.
- B. Prevent managers from accessing important source code.
- C. Provide only the permissions that are needed for users to do their jobs in the current month.
- D. Assign permissions that are based on job titles.

Correct Answer: A



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55) Which of the following are customer duties under the AWS shared responsibility model? (Select two.)

- •A. Setting up server-side encryption on an Amazon S3 bucket
- B. Amazon RDS instance patching
- •C. Network and firewall configurations
- D. Physical security of data center facilities
- E. Compute capacity availability

Correct Answer: AC



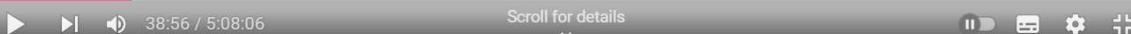
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56) Which of the following tasks is the AWS customer's duty under the shared responsibility model? (Select two.)

- •A. Ensuring that application data is encrypted at rest
- B. Ensuring that AWS NTP servers are set to the correct time
- •C. Ensuring that users have received security training in the use of AWS services
- D. Ensuring that access to data centers is restricted
- E. Ensuring that hardware is disposed of properly

Correct Answer: AC



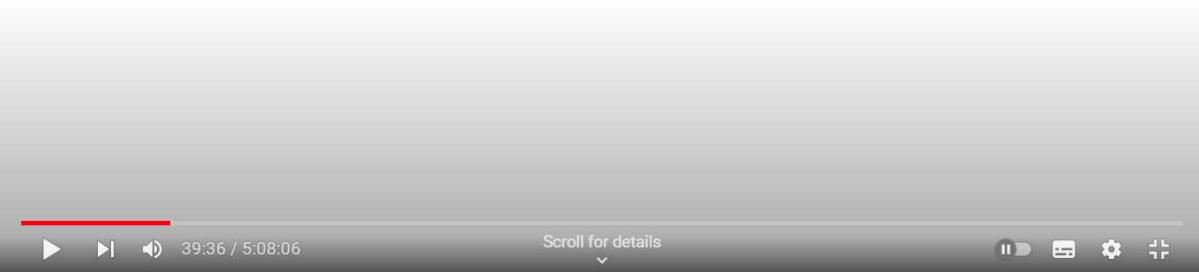
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57) Before transferring an environment to the AWS Cloud, a cloud practitioner must receive AWS compliance reports.

- How are these reports produced?
- A. Contact the AWS Compliance team
 - B. Download the reports from AWS Artifact
 - C. Open a case with AWS Support
 - D. Generate the reports with Amazon Macie

Correct Answer: B



58) Which change management actions, according to the AWS Well-Architected Framework, should be followed to ensure AWS Cloud reliability? (Select two.)

- •A. Use AWS Config to generate an inventory of AWS resources
- •B. Use service limits to prevent users from creating or making changes to AWS resources
- •C. Use AWS CloudTrail to record AWS API calls into an auditable log file
- D. Use AWS Certificate Manager to whitelist approved AWS resources and services
- E. Use Amazon GuardDuty to validate configuration changes made to AWS resources

Correct Answer: AC



59) What may be associated to an Amazon EC2 instance through AWS Identity and Access Management (IAM) to initiate service requests?

- •A. Group
- B. Role
- C. Policy
- D. Access key

Correct Answer: B

IAM role management

Q: What is an IAM role?

An IAM role is an IAM entity that defines a set of permissions for making AWS service requests. IAM roles are not associated with a specific user or group. Instead, trusted entities assume roles, such as IAM users, applications, or AWS services such as EC2.

Q: What problems do IAM roles solve?

IAM roles allow you to delegate access with defined permissions to trusted entities without having to share long-term access keys. You can use IAM roles to delegate access to IAM users managed within your account, to IAM users under a different AWS account, or to an AWS service such as EC2.

Q: How do I get started with IAM roles?

60) Which of the following actions is the customer's responsibility under the AWS shared responsibility model? (Select two.)

- A. Patching operating system components for Amazon Relational Database Server (Amazon RDS)
- B. Encrypting data on the client-side
- C. Training the data center staff
- D. Configuring Network Access Control Lists (ACL)
- E. Maintaining environmental controls within a data center

Correct Answer: BD

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61) Which AWS services or functionalities enable failover across several AWS Regions to ensure high availability and low latency? (Select two.)

- A. Amazon Route 53
- B. Network Load Balancer
- C. Amazon S3 Transfer Acceleration
- D. AWS Global Accelerator
- E. Application Load Balancer

Correct Answer: AD

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62) Which of the following is a duty of AWS under the AWS shared responsibility model?

- A. Enabling server-side encryption for objects stored in S3
- B. Applying AWS IAM security policies
- C. Patching the operating system on an Amazon EC2 instance
- D. Applying updates to the hypervisor

Correct Answer: D

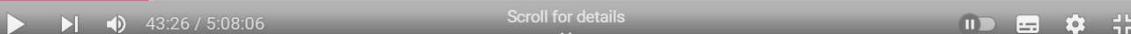
63) A copy of the AWS SOC 2 report is required during a compliance review by one of the auditors.

Which service should this request be sent through?

- A. AWS Personal Health Dashboard
- B. AWS Trusted Advisor
- •C. AWS Artifact
- D. Amazon S3

Correct Answer: C

AWS Artifact provides on-demand downloads of AWS security and compliance documents, such as AWS ISO certifications, Payment Card Industry (PCI), and Service Organization Control (SOC) reports. You can submit the security and compliance documents (also known as *audit artifacts*) to your auditors or regulators to demonstrate the security and compliance of the AWS infrastructure and services that you use.



64) For 3 hours, 5 minutes, and 6 seconds, a client operates an Amazon Linux EC2 instance on-demand.

How long will the consumer be charged?

- A. 3 hours, 5 minutes
- •B. 3 hours, 5 minutes, and 6 seconds
- C. 3 hours, 6 minutes
- D. 4 hours

Correct Answer: B

Today, customers may have use cases that require large number of instances running for irregular periods of time, such as dev/test, data processing, analytics, batch processing, image rendering and gaming applications. To improve flexibility and allow customers to focus on their application instead of maximizing usage to the hour, with EC2 per second billing, customers can start, stop, and terminate EC2 instances and take comfort in the fact that their EC2 resources will not be charged for the minutes and seconds remaining in the hours their instances were running.

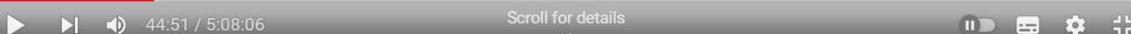
This change is effective in all AWS Regions and is effective immediately, for Linux instances that are newly launched or already running. Per-second billing is not currently applicable to instances running Microsoft Windows or Linux distributions that have a separate hourly charge.

List prices and Spot Market prices are still listed on a per-hour basis, but bills are calculated down to the second. With Reserved Instances usage you can launch, use, and terminate multiple instances within an hour and get the Reserved Instance Benefit for all of the instances. Bills will now show times in decimal form instead of in minutes and seconds..

65) According to the AWS shared responsibility model, which of the following is exclusively the responsibility of AWS?

- A. Patching of the guest operating system
- B. Security awareness and training
- •C. Physical and environmental controls
- D. Development of an IAM password policy

Correct Answer: C



66) What can users do using AWS Marketplace? (Select two.)

- A. Sell unused Amazon EC2 Spot Instances.
 - B. Sell solutions to other AWS users.
 - C. Buy third-party software that runs on AWS.
 - D. Purchase AWS security and compliance documents.
 - E. Order AWS Snowball.

Correct Answer: BC

The AWS Marketplace enables qualified partners to market and sell their software to AWS Customers. AWS Marketplace is an online software store that helps customers find, buy, and immediately start using the software and services that run on AWS.

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67) What are the possible uses for AWS edge locations? (Select two.)

- A. Hosting applications
 - B. Delivering content closer to users
 - C. Running NoSQL database caching services
 - D. Reducing traffic on the server by caching responses
 - E. Sending notification messages to end users

Correct Answer: *BD*

Correct Answer: D
CloudFront delivers your content through a worldwide network of data centers called edge locations. When a user requests content that you're serving with CloudFront, the user is routed to the edge location that provides the lowest latency (time delay), so that content is delivered with the best possible performance.

A set of small, light-gray navigation icons typically found in video player software like VLC. They include symbols for back, forward, stop, and other controls.

Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updated 2024

68) Amazon Elastic Container Service (Amazon ECS) and Amazon DynamoDB are used by a firm to execute its mission-critical web application. Multiple times during the day, the workload jumps to up to ten times the regular level.

Which AWS Cloud feature helps the business to adapt to these demand changes?

- A. Agility
 - B. Global reach
 - C. Scalability
 - D. Security

Correct Answer: C

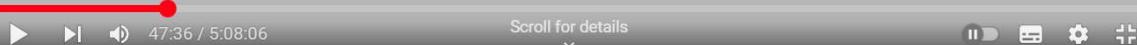
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69) Which of the following tasks is the customer's duty under the shared responsibility model? (Select two.)

- ➡ A. Maintaining the underlying Amazon EC2 hardware.
- ➡ B. Managing the VPC network access control lists.
- C. Encrypting data in transit and at rest.
- D. Replacing failed hard disk drives.
- E. Deploying hardware in different Availability Zones.

Correct Answer: BC

The hardware related jobs is the prime responsibility of AWS. VPC network access control lists is something a customer has to do himself to secure the applications. Encrypting data in transit and at rest is a shared responsibility in which AWS plays a part. All hardware related jobs have nothing to do with the customer.



70) Which of the following are AWS obligations, according to the AWS shared responsibility model? (Select two.)

- ➡ A. Network infrastructure and virtualization of infrastructure
- B. Security of application data
- C. Guest operating systems
- ➡ D. Physical security of hardware
- E. Credentials and policies

Correct Answer: AD



71) What charges are included in the comparison of AWS vs on-premises Total Cost of Ownership (TCO)?

- ➡ A. Data center security
- B. Business analysis
- C. Project management
- D. Operating system administration

Correct Answer: A



72) Which AWS service supports MySQL and PostgreSQL as relational databases?

- A. Amazon Redshift
- B. Amazon DynamoDB
- •C. Amazon Aurora
- D. Amazon Neptune

Correct Answer: C

Amazon Aurora is a MySQL and PostgreSQL-compatible relational database built for the cloud that combines the performance and availability of traditional enterprise databases with the simplicity and cost-effectiveness of open source databases.

Amazon Aurora is up to five times faster than standard MySQL databases and three times faster than standard PostgreSQL databases. It provides the security, availability, and reliability of commercial databases at 1/10th the cost. Amazon Aurora is fully managed by Amazon Relational Database Service (RDS), which automates time-consuming administration tasks like hardware provisioning, database setup, patching, and backups.

Amazon Aurora features a distributed, fault-tolerant, self-healing storage system that auto-scales up to 128TB per database instance. It delivers high performance and availability with up to 15 low-latency read replicas, point-in-time recovery, continuous backup to Amazon S3, and replication across three Availability Zones.

Visit the Amazon RDS Management Console to create your first Aurora database instance and start migrating your MySQL and PostgreSQL databases.

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73) Which AWS services is natively supported by AWS Snowball Edge?

- A. AWS Server Migration Service (AWS SMS)
- B. Amazon Aurora
- C. AWS Trusted Advisor
- •D. Amazon EC2

Correct Answer: D



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74) Which AWS shared responsibility controls are shared? (Select two.)

- •A. Awareness and training
- •B. Patching of Amazon RDS
- •C. Configuration management
- D. Physical and environmental controls
- E. Service and communications protection or security

Correct Answer: AC





75) After a single Availability Zone service disruption, a corporation must guarantee that the endpoint for a database instance stays the same. The program must continue database operations without human intervention from an administrator.

How are these stipulations to be met?

- A. Use multiple Amazon Route 53 routes to the standby database instance endpoint hosted on AWS Storage Gateway.
- •B. Configure Amazon RDS Multi-Availability Zone deployments with automatic failover to the standby.
- C. Add multiple Application Load Balancers and deploy the database instance with AWS Elastic Beanstalk.
- D. Deploy a single Network Load Balancer to distribute incoming traffic across multiple Amazon CloudFront origins.

Correct Answer: B



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76) Which costs must be addressed when comparing AWS Cloud vs on-premises Total Cost of Ownership? (Select two.)

- A. Software development
- B. Project management
- •C. Storage hardware
- •D. Physical servers
- E. Antivirus software license

Correct Answer: CD



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77) Which costs must be addressed when comparing AWS Cloud vs on-premises Total Cost of Ownership? (Select two.)

- •A. Physical storage hardware
- •B. Operating system administration
- C. Network infrastructure of data center
- D. Project management
- E. Database schema development

Correct Answer: AC



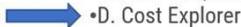
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78) Which AWS products anticipate future AWS expenses automatically?

- A. AWS Support Center
- B. AWS Total Cost of Ownership (TCO) Calculator
- C. AWS Simple Monthly Calculator
- D. Cost Explorer



Correct Answer: D

AWS Cost Explorer has an easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time.

79) Which functionality may be utilized to prevent inadvertent overwrites or deletions of Amazon S3 buckets?

- A. Lifecycle policy
- B. Object versioning
- C. Server-side encryption
- D. Bucket ACL



Correct Answer: B

S3 Object Versioning is one of the most salient features in Amazon S3. Object versioning is used to avoid unintended overwrite and deletion. Versioning is not enabled by default and this feature is used to keep multiple versions of objects at the same time in the bucket.

If we enable versioning on the bucket, we cannot delete an object directly. All versions remain in the bucket and a delete marker is introduced which becomes the current version. So if you need to delete an object, you need to remove that delete marker also. Existing objects in your bucket do not change and only future requests behavior changes. If we put an object retrieval request, the current version of the object will always return.

80) Amazon DynamoDB is used by a business in its AWS Cloud architecture.

Which of the following is a duty of the organization, according to the AWS shared responsibility model? (Select two.)

- A. Operating system patching and upgrades
- B. Application of appropriate permissions with IAM tools
- C. Configuration of data encryption options
- D. Creation of DynamoDB endpoints
- E. Infrastructure provisioning and maintenance



Correct Answer: BC

81) Which of the following areas is the customer's duty under the shared responsibility model? (Select two.)

- A. Firmware upgrades of network infrastructure
- B. Patching of operating systems
- C. Patching of the underlying hypervisor
- D. Physical security of data centers
- E. Configuration of the security group

Correct Answer: BE



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82) Which AWS service or functionality is utilized by distributed applications to send text and email messages?

- A. Amazon Simple Notification Service (Amazon SNS)
- B. Amazon Simple Email Service (Amazon SES)
- C. Amazon CloudWatch alerts
- D. Amazon Simple Queue Service (Amazon SQS)

Correct Answer: A

Amazon Simple Notification Service (Amazon SNS) is a fully managed messaging service for both application-to-application (A2A) and application-to-person (A2P) communication.

The A2A pub/sub functionality provides topics for high-throughput, push-based, many-to-many messaging between distributed systems, microservices, and event-driven serverless applications. Using Amazon SNS topics, your publisher systems can fanout messages to a large number of subscriber systems, including Amazon SQS queues, AWS Lambda functions, HTTPS endpoints, and Amazon Kinesis Data Firehose, for parallel processing.

The A2P functionality enables you to send messages to users at scale via SMS, mobile push, and email.



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83) To achieve high availability, how many Availability Zones should computing resources be provided across?

- A. A minimum of one
- B. A minimum of two
- C. A minimum of three
- D. A minimum of four or more

Correct Answer: B



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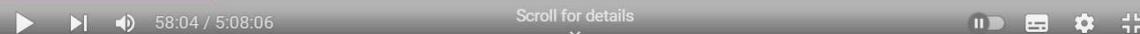


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84) Which of the following is AWS's obligation under the AWS shared responsibility model?

- A. Data encryption in transit
- •B. Firmware updates on hardware
- C. Operating system patching on Amazon EC2 instances
- D. Data encryption at rest

Correct Answer: B



85) To boost availability, a user intends to create two more Amazon EC2 instances.

- What should the user do?
- •A. Launch the instances across multiple Availability Zones in a single AWS Region.
 - B. Launch the instances as EC2 Reserved Instances in the same AWS Region and the same Availability Zone.
 - C. Launch the instances in multiple AWS Regions, but in the same Availability Zone.
 - D. Launch the instances as EC2 Spot Instances in the same AWS Region, but in different Availability Zones.

Correct Answer: A



86) What are the customer's duties under the AWS shared responsibility model?
(Select two.)

- A. Physical and environmental security
- B. Physical network devices including firewalls
- C. Storage device decommissioning
- •D. Security of data in transit
- •E. Data integrity authentication

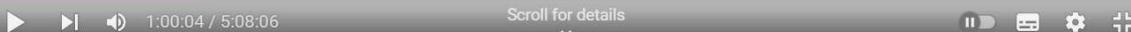
Correct Answer: DE



87) How can customers minimize the amount of time they spend patching their operating systems by migrating to the AWS Cloud? (Select two.)

- •A. Users can take advantage of managed services on AWS.
- B. Users can outsource operating system patching to the AWS Support team.
- C. AWS Professional Services will upgrade instances to the latest operating system versions.
- D. Users have the ability to use license-included Amazon EC2 instances.
- •E. Users can take advantage of AWS Systems Manager features.

Correct Answer: AE



88) In the case of an environmental disruption, a company needs to make sure its infrastructure is structured for fault tolerance and business continuity.

Which parts of the AWS architecture should the organization replicate?

- •A. Edge locations
- B. Availability Zones
- C. Regions
- D. Amazon Route 53

Correct Answer: C



89) According to which AWS cloud design guideline, systems should minimize their interdependence?

- A. Scalability
- B. Services, not servers
- C. Removing single points of failure
- •D. Loose coupling

Correct Answer: D



90) Which tasks need the root user credentials for an AWS account? (Select two.)

- A. Creating an Amazon EC2 key pair
- B. Removing an IAM user from the administrators group
- •C. Changing the AWS Support plan
- •D. Creating an Amazon CloudFront key pair
- E. Granting an IAM user full administrative access

Correct Answer: CE

91) An administrator must fast install and begin utilizing a popular IT product.

What resources are available to the administrator?

- A. AWS Well-Architected Framework documentation
- B. Amazon CloudFront
- C. AWS CodeCommit
- •D. AWS Quick Start reference deployments

Correct Answer: D

Quick Starts are built by AWS solutions architects and partners to help you deploy popular technologies on AWS, based on AWS best practices for security and high availability. These accelerators reduce hundreds of manual procedures into just a few steps, so you can build your production environment quickly and start using it immediately.

92) Which solution enables users in various AWS Regions to have the FASTEST application response times for frequently requested data?

- A. AWS CloudTrail across multiple Availability Zones
- •B. Amazon CloudFront to edge locations
- C. AWS CloudFormation in multiple regions
- D. A virtual private gateway over AWS Direct Connect

Correct Answer: B

You can deliver content and decrease end-user latency of your web application using Amazon CloudFront.

CloudFront speeds up content delivery by leveraging its global network of data centers, known as edge locations, to reduce delivery time by caching your content close to your end users. CloudFront fetches your content from an origin, such as an Amazon S3 bucket, an Amazon EC2 instance, an Amazon Elastic Load Balancing load balancer or your own web server, when it's not already in an edge location. CloudFront can be used to deliver your entire website or application, including dynamic, static, streaming, and interactive content.

93) Which qualities make AWS Cloud computing advantageous? (Select two.)

- A. A 100% service level agreement (SLA) for all AWS services
- B. Compute capacity that is adjusted on demand
- C. Availability of AWS Support for code development
- D. Enhanced security
- E. Increases in cost and complexity

Correct Answer: BD



94) A corporation anticipates a brief increase in internet traffic for their application. The program cannot be interrupted during the traffic spike. In addition, the organization must reduce costs while increasing flexibility. To achieve these needs, which Amazon EC2 instance type should the organization use?

- A. On-Demand Instances
- B. Spot Instances
- C. Reserved Instances
- D. Dedicated Hosts

Correct Answer: A



95) An Amazon RDS database instance is deployed across several Availability Zones.

Which pillar of the AWS Well-Architected Framework is included in this strategy?

- A. Performance efficiency
- B. Reliability
- C. Cost optimization
- D. Security

Correct Answer: B



96) Amazon EC2, an Elastic Load Balancer, and Amazon RDS are all components of an architectural design.

What is the BEST method for estimating the monthly cost of this architecture?

- A. Open an AWS Support case, provide the architecture proposal, and ask for a monthly cost estimation.
- B. Collect the published prices of the AWS services and calculate the monthly estimate.
- •C. Use the AWS Simple Monthly Calculator to estimate the monthly cost.
- D. Use the AWS Total Cost of Ownership (TCO) Calculator to estimate the monthly cost.

Correct Answer: C



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97) According to the AWS shared responsibility model, which job is the customer's duty?

- A. Maintain the security of the AWS Cloud.
- •B. Configure firewalls and networks.
- C. Patch the operating system of Amazon RDS instances.
- D. Implement physical and environmental controls.

Correct Answer: B



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98) On Amazon EC2, a business hosts a web application in a Docker container.

Which of the following duties is AWS in charge of?

- A. Scaling the web application and services developed with Docker
- B. Provisioning or scheduling containers to run on clusters and maintain their availability
- •C. Performing hardware maintenance in the AWS facilities that run the AWS Cloud
- D. Managing the guest operating system, including updates and security patches

Correct Answer: C



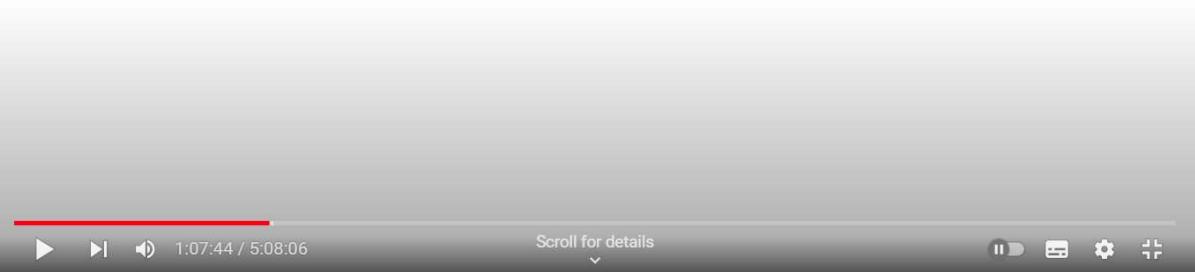
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99) What are the AWS Cloud's advantages? (Select two.)

- A. Fixed rate monthly cost
- B. No need to guess capacity requirements
- C. Increased speed to market
- D. Increased upfront capital expenditure
- E. Physical access to cloud data centers

Correct Answer: BC



100) An Elastic Load Balancer, numerous Amazon EC2 instances, and Amazon RDS are used to run a web application on AWS.

Which security measures are AWS's responsibility? (Select two.)

- A. Running a virus scan on EC2 instances
- B. Protecting against IP spoofing and packet sniffing
- C. Installing the latest security patches on the RDS instance
- D. Encrypting communication between the EC2 instances and the Elastic Load Balancer
- E. Configuring a security group and a network access control list (NACL) for EC2 instances

Correct Answer: BC



101) Which AWS service or feature facilitates the purchase and deployment of third-party software by providing an online, managed software catalog?

- A. AWS Support
- B. AWS Marketplace**
- C. Amazon EC2 private Amazon Machine Images (AMIs)
- D. AWS reseller programs

102) A business wishes to improve its capacity for infrastructure recovery in the event of a natural catastrophe.

This capability corresponds to which pillar of the AWS Well-Architected Framework?

- A. Cost optimization
- B. Performance efficiency**
- C. Reliability**
- D. Security

103) A business may be required to operate its workload exclusively in its on-premises data center due to performance and regulatory limitations.

Which Amazon Web Services (AWS) services or resources should the business utilize? (Select two.)

- A. Amazon Pinpoint
- B. Amazon WorkLink
- C. AWS Outposts**
- D. AWS Snowball Edge**
- E. AWS AppSync

104) For security reasons, a business demands an isolated environment inside AWS.

Which course of action is necessary to achieve 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.

105) How do Amazon's massive economies of scale help customers?

- A. Periodic price reductions as the result of Amazon's operational efficiencies
- B. New Amazon EC2 instance types providing the latest hardware
- C. The ability to scale up and down when needed
- D. Increased reliability in the underlying hardware of Amazon EC2 instances

106) When utilizing the AWS Command Line Interface (AWS CLI), which of the following Identity and Access Management (IAM) entities is connected with an access key ID and secret access key?

- A. IAM group
- B. IAM user
- C. IAM role
- D. IAM policy

107) What is AWS's sole obligation under the AWS shared responsibility model?

- A. Application security
- B. Edge location management
- C. Patch management
- D. Client-side data

108) Which component of the AWS architecture permits global computing and storage deployment?

- A. Availability Zones
- B. Regions
- C. Tags
- D. Resource groups

109) Which of the following is a design concept associated with dependability in the AWS Well-Architected Framework?

- A. Deployment to a single Availability Zone
- B. Ability to recover from failure
- C. Design for cost optimization
- D. Perform operations as code

110) Which activity is entirely the user's responsibility while executing workloads on AWS?

- A. Patching the infrastructure components
- B. Implementing controls to route application traffic
- C. Maintaining physical and environmental controls
- D. Maintaining the underlying infrastructure components

111) Which statement best describes the AWS Cloud's agility?

- A. Agility gives users the ability to host applications in multiple AWS Regions around the world.
- B. Agility gives users the ability to pay upfront to reduce cost.
- C. Agility provides customizable physical hardware at the lowest possible cost.
- D. Agility provides the means for users to provision resources in minutes.

112) Which AWS product or service enables businesses to monitor and classify their expenditure at a precise level?

- A. Cost allocation tags
- B. Consolidated billing
- C. AWS Budgets
- D. AWS Marketplace

113) Which AWS service is responsible for monitoring the health of your applications automatically?

- A. Amazon API Gateway
- B. AWS Elastic Beanstalk
- C. AWS Lambda
- D. AWS Config

114) A user is developing a service that adheres to the AWS Well-Architected Framework's operational excellence pillar.

Which design concept is the user to adhere to?

- A. Anticipate failure
- B. Make large-scale changes
- C. Perform manual operations
- D. Create static operational procedures

115) When comparing AWS Total Cost of Ownership (TCO) to on-premises TCO, what charges are included?

- A. Project management
- B. Antivirus software licensing
- C. Data center security
- D. Software development

116) Which design concept is fulfilled by adhering to the AWS Well-Architected Framework's dependability pillar?

- A. Vertical scaling
- B. Manual failure recovery
- C. Testing recovery procedures
- D. Changing infrastructure manually

117) Which AWS service or functionality can assist a business in determining if it has publicly accessible Amazon S3 buckets?

- A. AWS Service Health Dashboard
- B. Amazon CloudWatch Logs
- C. AWS Trusted Advisor
- D. AWS Service Catalog

118) Seasonal sales surges occur many times a year for an online retailer, most notably during the holidays. At other times of year, demand is lower. The corporation has difficulty forecasting the seasonal increase in infrastructure demand.

Which benefits of migrating to the AWS Cloud would be the most beneficial to the business? (Select two.)

- A. Global footprint
- B. Elasticity
- C. AWS service quotas
- D. AWS shared responsibility model
- E. Pay-as-you-go pricing

119) Which concepts of AWS Cloud architecture may assist boost reliability? (Select two.)

- A. Using monolithic architecture
- B. Measuring overall efficiency
- C. Testing recovery procedures
- D. Adopting a consumption model
- E. Automatically recovering from failure

120) Which sort of storage does Amazon Elastic File System (Amazon EFS) and Amazon FSx provide?

- A. File storage
- B. Object storage
- C. Block storage
- D. Instance store

121) Which AWS service enables customers to view AWS compliance control reports on-demand and self-service?

- A. AWS Config
- B. Amazon GuardDuty
- C. AWS Trusted Advisor
- D. AWS Artifact

122) What may aid in the evaluation of a cloud-based application? (Select two.)

- A. AWS Trusted Advisor
- B. AWS Professional Services
- C. AWS Systems Manager
- D. AWS Partner Network (APN)
- E. AWS Secrets Manager

123) Which AWS service enables expense control across numerous AWS accounts effectively?

- A. AWS Organizations
- B. AWS Trusted Advisor
- C. AWS Direct Connect
- D. Amazon Connect

124) A company's on-premises servers and the AWS Cloud need a dedicated network connection.

Which Amazon Web Services (AWS) service should be used?

- A. AWS VPN
- B. AWS Direct Connect
- C. Amazon API Gateway
- D. Amazon Connect

125) On-premises resources have been underused by a user.

Which AWS Cloud idea is optimal for resolving this issue?

- A. High availability
- B. Elasticity
- C. Security
- D. Loose coupling

126) Which of the following advantages does Amazon Relational Database Service (Amazon RDS) provide over conventional database management?

- A. AWS manages the data stored in Amazon RDS tables.
- B. AWS manages the maintenance of the operating system.
- C. AWS automatically scales up instance types on demand.
- D. AWS manages the database type.

127) A cloud practitioner has a seldom run data analysis job that can be stopped without causing damage.

Which Amazon EC2 purchase option should be utilized to maximize cost savings?

- A. On-Demand Instances
- B. Reserved Instances
- C. Spot Instances
- D. Dedicated Hosts

128) What are the advantages of AWS Cloud service billing consolidation? (Select two.)

- A. Volume discounts
- B. A minimal additional fee for use
- C. One bill for multiple accounts
- D. Installment payment options
- E. Custom cost and usage budget creation

129) Which Amazon EC2 instance type is necessary when a user wishes to use their current per-socket, per-core, or per-virtual machine software licenses on a Microsoft Windows server operating on AWS?

- A. Spot Instances
- B. Dedicated Instances
- C. Dedicated Hosts
- D. Reserved Instances

130) When users connect to a website with a worldwide consumer base, they report experiencing delay.

Which Amazon Web Services (AWS) offering will enhance the user experience by lowering latency?

- A. Amazon CloudFront
- B. AWS Direct Connect
- C. Amazon EC2 Auto Scaling
- D. AWS Transit Gateway

131) Which capabilities or services are available for monitoring an AWS account's charges and expenses? (Select two.)

- A. AWS Cost and Usage report
- B. AWS product pages
- C. AWS Simple Monthly Calculator
- D. Billing alerts and Amazon CloudWatch alarms
- E. AWS Price List API

132) Which service enables users to store data in the Amazon Web Services cloud?

- A. Amazon EFS
- B. Amazon Redshift
- C. Amazon RDS
- D. Amazon VPC

133) Which AWS service or product enables an organization to automate the delivery of application changes?

- A. Amazon AppFlow
- B. AWS CodeDeploy
- C. AWS PrivateLink
- D. Amazon EKS Distro

134) A corporation wishes to minimize the physical footprint of the computing resources used by developers to execute programs.

Which service would enable serverless architectures to address this need?

- A. Amazon Elastic Compute Cloud (Amazon EC2)
- B. AWS Lambda
- C. Amazon DynamoDB
- D. AWS CodeCommit

135) A Load Balancer Elastic enables online traffic to be distributed across multiple:

- A. AWS Regions.
- B. Availability Zones.
- C. Dedicated Hosts.
- D. Amazon S3 buckets.

136) What is AWS Storage Gateway's purpose?

- A. It ensures on-premises data storage is 99.99999999% durable.
- B. It transports petabytes of data to and from AWS.
- C. It connects to multiple Amazon EC2 instances.
- D. It connects on-premises data storage to the AWS Cloud.

137) How can a client anticipate future expenses associated with the operation of a new web application?

- A. Amazon Aurora Backtrack
- B. Amazon CloudWatch Billing Alarms
- C. AWS Simple Monthly Calculator
- D. AWS Cost and Usage report

138) The term "fault tolerance" relates to the following:

- A. the ability of an application to accommodate growth without changing design
- B. how well and how quickly an application's environment can have lost data restored
- C. how secure your application is
- D. the built-in redundancy of an application's components

139) Which AWS service enables conventional SQL queries against stored datasets straight from Amazon S3?

- A. AWS Glue
- B. AWS Data Pipeline
- C. Amazon CloudSearch
- D. Amazon Athena

140) A startup is developing a new application that must be launched immediately. In the near future, the application criteria may need to be changed.

Which of the following is an AWS Cloud feature that would fulfill this particular requirement?

- A. Elasticity
- B. Reliability
- C. Performance
- D. Agility

141) Which AWS service must be enabled in order for the AWS Management Console to monitor all user account changes?

- A. AWS CloudTrail
- B. Amazon Simple Notification Service (Amazon SNS)
- C. VPC Flow Logs
- D. AWS CloudHSM

142) Recently, an ecommerce firm began using the AWS Cloud. Which security-related responsibilities fall within the purview of the business? (Select two.)

- A. Restrict who is allowed physical access to the hosts that run the company's Amazon EC2 instances.
- B. Install security patches on Amazon EC2 Linux instances.
- C. Choose to encrypt data at rest that is stored on Amazon S3.
- D. Wipe Amazon Elastic Block Store (Amazon EBS) volumes clean before they are decommissioned.
- E. Conduct database patching for Amazon RDS instances.

143) A business needs to guarantee that users of the AWS Management Console adhere to password complexity guidelines.

How can a business customize the difficulty of its passwords?

- A. Using an AWS IAM user policy
- B. Using an AWS Organizations service control policy (SCP)
- C. Using an AWS IAM account password policy
- D. Using an AWS Security Hub managed insight

144) Which AWS service would determine if a security group has granted unlimited access to a resource?

- A. AWS Trusted Advisor
- B. Amazon CloudWatch
- C. VPC Flow Logs
- D. AWS CloudTrail

145) Which features are available to users while use AWS KMS?

- A. Create and manage AWS access keys for the AWS account root user
- B. Create and manage AWS access keys for an AWS account IAM user
- C.** Create and manage keys for encryption and decryption of data
- D. Create and manage keys for multi-factor authentication

146) On Amazon EC2 instances, a business has installed various relational databases. Each month, the database software manufacturer publishes new security updates for databases that must be deployed.

Which method is the MOST EFFECTIVE for applying security patches?

- A. Connect to each database instance on a monthly basis, and download and apply the necessary security patches from the vendor.
- B. Enable automatic patching for the instances using the Amazon RDS console.
- C. In AWS Config, configure a rule for the instances and the required patch level.
- D.** Use AWS Systems Manager to automate database patching according to a schedule.

147) A business is releasing a new application on AWS. The application will be hosted on an Amazon Elastic Compute Cloud (EC2) instance. Additional EC2 instances will be required as the demand grows.

Which AWS service or technology can the business utilize to deploy the required number of EC2 instances?

- A. Elastic Load Balancing
- B.** Amazon EC2 Auto Scaling
- C. AWS App2Container (A2C)
- D. AWS Systems Manager

148) What does it mean to provide AWS IAM users the fewest possible privileges?

- A. It is granting permissions to a single user only.
- B. It is granting permissions using AWS IAM policies only.
- C. It is granting AdministratorAccess policy permissions to trustworthy users.
- D. It is granting only the permissions required to perform a given task.

149) When building an Amazon Relational Database Service (Amazon RDS) instance in Multiple Availability Zone mode, which architectural concept is followed?

- A. Implement loose coupling.
- B. Design for failure.
- C. Automate everything that can be automated.
- D. Use services, not servers.

150) What is a user's responsibility while using the AWS Cloud to execute an application?

- A. Managing physical hardware
- B. Updating the underlying hypervisor
- C. Providing a list of users approved for data center access
- D. Managing application software updates

151) Which of the following statements concerning AWS's worldwide infrastructure is true?

- A. Availability Zones can span multiple AWS Regions.
- B. A VPC can have different subnets in different AWS Regions.
- C. AWS Regions consist of multiple Availability Zones.
- D. A single subnet can span multiple Availability Zones.

152) A business wishes to link AWS to its corporate network through a private network connection.

Which Amazon Web Services (AWS) service or functionality will satisfy this requirement?

- A. Amazon Connect
- B. Amazon Route 53
- C. AWS Direct Connect
- D. VPC peering

153) Which of the following may be used to restrict certain users' access to Amazon Simple Storage Service (Amazon S3) buckets?

- A. A public and private key-pair
- B. Amazon Inspector
- C. AWS Identity and Access Management (IAM) policies
- D. Security Groups

154) Which of the following is an AWS Well-Architected Framework design principle?

- A. Reduce downtime by making infrastructure changes infrequently and in large increments.
- B. Invest the time to configure infrastructure manually.
- C. Learn to improve from operational failures.
- D. Use monolithic application design for centralization.

155) Which AWS service enables a business to identify and reroute customers to other servers in the event of a website server outage?

- A. Amazon CloudFront
- B. Amazon GuardDuty
- C. Amazon Route 53
- D. AWS Trusted Advisor

156) A organization with an AWS Support plan for developers established an Amazon RDS database but is unable to connect to it.

To get this degree of help, who should the developer contact?

- A. AWS Support using a support case
- B. AWS Professional Services
- C. AWS technical account manager
- D. AWS consulting partners

157) Which AWS service enables you to monitor and debug distributed applications end-to-end?

- A. AWS Cloud9
- B. AWS CodeStar
- C. AWS Cloud Map
- D. AWS X-Ray

158) Which AWS shared responsibility model duties are the customer's responsibility? (Select two.)

- A. Infrastructure facilities access management
- B. Cloud infrastructure hardware lifecycle management
- C. Configuration management of user's applications
- D. Networking infrastructure protection
- E. Security groups configuration

159) Which AWS Cloud service gives tips on how to optimize an AWS account's performance?

- A. Amazon Inspector
- B. AWS Trusted Advisor
- C. Amazon CloudWatch
- D. AWS CloudTrail

160) Which variables impact AWS Cloud costs? (Select two.)

- A. The number of unused AWS Lambda functions
- B. The number of configured Amazon S3 buckets
- C. Inbound data transfers without acceleration
- D. Outbound data transfers without acceleration
- E. Compute resources that are currently in use

161) A corporation is required by law to track and assess configuration changes to AWS resources, as well as to conduct corrective steps.

Which Amazon Web Services (AWS) service should the business use?

- A. AWS Config
- B. AWS Secrets Manager
- C. AWS CloudTrail
- D. AWS Trusted Advisor

162) Which AWS service should be utilized to store data backups for an extended period of time at a reasonable cost?

- A. Amazon RDS
- B. Amazon Glacier
- C. AWS Snowball
- D. AWS EBS

163) What does the AWS Cloud bring clients in terms of increased execution speed and agility? (Select two.)

- A. Readily available resources with low provisioning times
- B. Scalable compute capacity
- C. Free Tier services usage
- D. Access to AWS data centers
- E. Lower resource provisioning cost

164) A retailer wishes to supply just the resources required to meet current demand.

Which cloud advantage is the organization attempting to accomplish with this objective?

- A. Reliability
- B. Global reach
- C. Scalability
- D. High availability

165) What storage capabilities does Amazon S3 Intelligent-Tiering provide?

- A. Payment flexibility by reserving storage capacity
- B. Long-term retention of data by copying the data to an encrypted Amazon Elastic Block Store (Amazon EBS) volume
- C. Automatic cost savings by moving objects between tiers based on access pattern changes
- D. Secure, durable, and lowest cost storage for data archival

166) A business wishes to transfer its apps to an AWS VPC. These apps will need access to resources located on-premises.

Which combination of activities will allow the business to achieve this objective? (Select two.)

- A. Use the AWS Service Catalog to identify a list of on-premises resources that can be migrated.
- B. Build a VPN connection between an on-premises device and a virtual private gateway in the new VPC.
- C. Use Amazon Athena to query data from the on-premises database servers.
- D. Connect the company's on-premises data center to AWS using AWS Direct Connect.
- E. Leverage Amazon CloudFront to restrict access to static web content provided through the company's on-premises web servers.

167) What is the most effective approach to link an on-premises network to numerous VPCs located in separate AWS Regions?

- A. Use AWS Direct Connect
- B. Use AWS VPN
- C. Use AWS Client VPN
- D. Use an AWS Transit Gateway

168) Multiple Regions of the AWS Cloud are an example of:

- A. agility.
- B. global infrastructure.
- C. elasticity.
- D. pay-as-you-go pricing.

169) Which AWS service does Chef and Puppet utilize to automate configuration management?

- A. AWS Config
- B. AWS OpsWorks
- C. AWS CloudFormation
- D. AWS Systems Manager

170) A corporation want to remove the necessity for pre-deployment estimation of infrastructure capacity. Additionally, the corporation want to spend its money on cloud resources only when the resources are used.

Which AWS Cloud feature best meets your business's needs?

- A. Reliability
- B. Global reach
- C. Economies of scale
- D. Pay-as-you-go pricing

171) SQL injection attacks are being launched against an application from a variety of external locations.

Which AWS service or functionality can assist in automating response to these attacks?

- A. AWS WAF
- B. Security groups
- C. Elastic Load Balancer
- D. Network ACL

172) Which feature enables Amazon EC2 instances to be more elastic in response to changing workload demand?

- A. Resource groups
- B. Lifecycle policies
- C. Application Load Balancer
- D. **Amazon EC2 Auto Scaling**

173) What time-saving benefits can Amazon Rekognition provide?

- A. Amazon Rekognition provides automatic watermarking of images.
- B. **Amazon Rekognition provides automatic detection of objects appearing in pictures.**
- C. Amazon Rekognition provides the ability to resize millions of images automatically.
- D. Amazon Rekognition uses Amazon Mechanical Turk to allow humans to bid on object detection jobs.

174) A corporation want to migrate petabytes of data from on-premises sites to the AWS Cloud as rapidly as feasible.

Which Amazon Web Services (AWS) service should the business use?

- A. **AWS Snowball**
- B. AWS Global Accelerator
- C. Amazon S3 Transfer Acceleration
- D. Amazon Connect

175) Where should a business go to locate, test, purchase, and deploy software that works on AWS?

- A. AWS Marketplace
- B. Amazon Lumberyard
- C. AWS Artifact
- D. Amazon CloudSearch

176) A business's user base is worldwide in scope. The organization need a highly available application with reduced latency for end users.

Which AWS architecture approach will meet these criteria the MOST EFFECTIVELY?

- A. Single-Region, Multi-AZ architecture
- B. Multi-Region, active-active architecture
- C. Multi-Region, active-passive architecture
- D. Single-Region, Single-AZ architecture

177) Which duty is the customer's responsibility under the AWS shared responsibility model?

- A. Maintaining the infrastructure needed to run AWS Lambda
- B. Updating the operating system of Amazon DynamoDB instances
- C. Maintaining Amazon S3 infrastructure
- D. Updating the guest operating system on Amazon EC2 instances

178) How can a user safeguard against AWS service outages in the event of a widespread natural disaster?

- A. Deploy applications across multiple Availability Zones within an AWS Region.
- B. Use a hybrid cloud computing deployment model within the geographic area.
- C. Deploy applications across multiple AWS Regions.**
- D. Store application artifacts using AWS Artifact and replicate them across multiple AWS Regions.

179) What is an example of a cloud-based application that is decoupled and scalable?

- A. A mail and log application that runs on a single Amazon EC2 instance
- B. A webpage that is hosted on Amazon S3 and uses AWS Lambda to update an Amazon DynamoDB database**
- C. An Application Load Balancer, web server, and database server that support a monolithic application
- D. A legacy database server that is running on the maximum instance size supported by its license

180) A client has many AWS accounts, each with its own billing.

How can the client benefit from bulk savings while minimizing the effect on AWS resources?

- A. Create one global AWS account and move all AWS resources to that account.
- B. Sign up for three years of Reserved Instance pricing up front.
- C. Use the consolidated billing feature from AWS Organizations.**
- D. Sign up for the AWS Enterprise support plan to get volume discounts.

181) A business must keep its data near to its core consumers.

Which AWS Cloud advantage satisfies this requirement?

- A. Security
- B. High availability
- C. Elasticity
- D. Global footprint

182) Who is responsible for the virtualization layer down to the physical security of the facilities in which AWS services operate under the AWS shared responsibility model?

- A. It is the sole responsibility of the customer.
- B. It is the sole responsibility of AWS.
- C. It is a shared responsibility between AWS and the customer.
- D. The customer's AWS Support plan tier determines who manages the configuration.

183) A company's managed IAM policy does not allow users the rights essential to do needed activities.

How is this situation to be resolved?

- A. Enable AWS Shield Advanced
- B. Create a custom IAM policy
- C. Use a third-party web application firewall (WAF) managed rule from the AWS Marketplace
- D. Use AWS Key Management Service (AWS KMS) to create a customer-managed key

184) A business wishes to strengthen its security and audit posture by restricting incoming access to Amazon EC2.

What should the organization use instead of opening incoming SSH ports and handling SSH keys to remotely access instances?

- A. EC2 key pairs
- B. AWS Systems Manager Session Manager**
- C. AWS Identity and Access Management (IAM)
- D. Network ACLs

185) Which scenarios warrant the utilization of Amazon EC2 Spot Instances?

- A. A company wants to move its main website to AWS from an on-premises web server.
- B. A company has a number of application services whose Service Level Agreement (SLA) requires 99.999% uptime.
- C. A company's heavily used legacy database is currently running on-premises.
- D. A company has a number of infrequent, interruptible jobs that are currently using On-Demand Instances.**

186) A business must transmit time-sensitive communications to a large number of subscribers using a push technique.

Which Amazon Web Services (AWS) service should the business use?

- A. Amazon Kinesis
- B. Amazon MQ
- C. Amazon Simple Queue Service (Amazon SQS)
- D. Amazon Simple Notification Service (Amazon SNS)**

187) Which tasks need access to the root user of the AWS account? (Select two.)

- A. Changing an AWS Support plan
- B. Modifying an Amazon EC2 instance type
- C. Grouping resources in AWS Systems Manager
- D. Running applications in Amazon Elastic Kubernetes Service (Amazon EKS)
- E. Closing an AWS account

188) Which AWS Cloud best practice makes advantage of cloud computing's flexibility and agility?

- A. Provision capacity based on past usage and theoretical peaks
- B. Dynamically and predictively scale to meet usage demands
- C. Build the application and infrastructure in a data center that grants physical access
- D. Break apart the application into loosely coupled components

189) Users of Amazon Route 53 are able to:

- A. encrypt data in transit
- B. register DNS domain names
- C. generate and manage SSL certificates
- D. establish a dedicated network connection to AWS

190) Which characteristic of the Amazon Virtual Private Cloud (Amazon VPC) allows customers to link two VPCs?

- A. Amazon VPC endpoints
- B. Amazon Elastic Compute Cloud (Amazon EC2) ClassicLink
- C. Amazon VPC peering
- D. AWS Direct Connect

191) Multiple Amazon EC2 instances are used to host an application. The program sends messages using Amazon Simple Notification Service (Amazon SNS).

Which AWS service or feature grants authorization for the application to access needed AWS services?

- A. AWS Certificate Manager (ACM)
- B. IAM roles
- C. AWS Security Hub
- D. Amazon GuardDuty

192) A business is contemplating migrating to the AWS Cloud. The firm wishes to be able to scale its computing capacity in response to changing demand conditions.

Which AWS Cloud advantage does this case illustrate?

- A. Global deployments in minutes
- B. Cost savings
- C. Agility
- D. Elasticity

193) Which of the following is a NoSQL database service that is both quick and dependable?

- A. Amazon Redshift
- B. Amazon RDS
- C. Amazon DynamoDB
- D. Amazon S3

194) A client wants to develop and construct a new workload on AWS Cloud but lacks the necessary technical skills in AWS-related technologies.

Which of the following AWS programs may a client use to accomplish that goal?

- A. AWS Partner Network Technology Partners
- B. AWS Marketplace
- C. AWS Partner Network Consulting Partners
- D. AWS Service Catalog

195) Which AWS solution enables rapid setup and management of a new multi-account AWS environment?

- A. AWS Trusted Advisor
- B. AWS Security Hub
- C. AWS Control Tower
- D. AWS Resource Access Manager

196) Which operation needs the usage of the root account user credentials for the AWS account?

- A. Closing an AWS account
- B. Creating a log file
- C. Modifying IAM user permissions
- D. Deleting IAM users

197) On Amazon EC2 instances, a business is operating and controlling its own Docker environment. Alternate is desired to assist in managing cluster size, scheduling, and environment management.

Which AWS service satisfies these criteria?

- A. AWS Lambda
- B. Amazon RDS
- C. AWS Fargate
- D. Amazon Athena

198) Which AWS situations exemplify the idea of elasticity? (Select two.)

- A. Scaling the number of Amazon EC2 instances based on traffic.
- B. Resizing Amazon RDS instances as business needs change.
- C. Automatically directing traffic to less-utilized Amazon EC2 instances.
- D. Using AWS compliance documents to accelerate the compliance process.
- E. Having the ability to create and govern environments using code.

199) Which of the following are advantages of using the AWS Cloud to host infrastructure? (Select two.)

- A. There are no upfront commitments.
- B. AWS manages all security in the cloud.
- C. Users have the ability to provision resources on demand.
- D. Users have access to free and unlimited storage.
- E. Users have control over the physical infrastructure.

200) Which of the following are benefits of Amazon Web Services' cloud computing platform? (Select two.)

- A. AWS manages the maintenance of the cloud infrastructure
- B. AWS manages the security of applications built on AWS
- C. AWS manages capacity planning for physical servers
- D. AWS manages the development of applications on AWS
- E. AWS manages cost planning for virtual servers

Thank You

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- •C. AWS manages capacity planning for physical servers
- •D. AWS manages the development of applications on AWS
- •E. AWS manages cost planning for virtual servers

Correct Answer: AC

201) Which AWS service enables infrastructure as code management?

- •A. AWS CodePipeline
- •B. AWS CodeDeploy
- •C. AWS Direct Connect
- •D. AWS CloudFormation

Correct Answer: D

AWS CloudFormation provides a common language for you to describe and provision all the infrastructure resources in your cloud environment. CloudFormation allows you to use a simple text file to model and provision, in an automated and secure manner, all the resources needed for your applications across all regions and accounts. This file serves as the single source of truth for your cloud environment.

203) What are the benefits of deploying an application across various Availability Zones using Amazon EC2 instances? (Select two.)

- •A. Preventing a single point of failure
- •B. Reducing the operational costs of the application
- •C. Allowing the application to serve cross-region users with low latency
- •D. Increasing the availability of the application
- •E. Increasing the load of the application

Correct Answer: AD

204) A business wishes to downsize its infrastructure in order to save money.

At what stages should a business downsize? (Select two.)

- •A. Rightsize before a migration occurs to the cloud.
- •B. Rightsize continuously after the cloud onboarding process.
- •C. Rightsize when AWS Support calls and explains that rightsizing is needed.
- •D. Rightsize when seasonal workloads are at their peak.
- •E. Rightsize after purchasing all Reserved Instances.

Correct Answer: AB

205) AWS Budgets may be used for the following purposes:

- A. prevent a given user from creating a resource
- • B. send an alert when the utilization of Reserved Instances drops below a certain percentage
- C. set resource limits in AWS accounts to prevent overspending
- D. split an AWS bill across multiple forms of payment

Correct Answer: B

AWS Budgets allows you to set custom budgets to track your cost and usage from the simplest to the most complex use cases. With AWS Budgets, you can choose to be alerted by email or SNS notification when actual or forecasted cost and usage exceed your budget threshold, or when your actual RI and Savings Plans' utilization or coverage drops below your desired threshold.

Press Esc to exit full screen

206) What are the advantages of unified billing for Amazon Web Services accounts?

- A. Access to AWS Personal Health Dashboard
- • B. Combined usage volume discounts
- C. Improved account security
- D. Centralized AWS IAM

Consolidated Billing Benefits

Correct Answer: B

- One Bill

- A single bill with a combined view of AWS costs incurred by all accounts is generated

- Easy Tracking

- Detailed cost report & charges for each of the individual AWS accounts associated with the "paying account" can be easily tracked

- Combined Usage & Volume Discounts

- Charges might actually decrease because AWS combines usage from all the accounts to qualify you for **volume pricing discounts**

- Free Tier

- Customers that use Consolidated Billing to consolidate payment across multiple accounts **will only have access to one free usage tier** and it is not combined across accounts



207) A corporation want to connect to AWS from a distant office through a private, low-latency connection.

Which strategy is advised for meeting these requirements?

- A. Create a VPN tunnel
- B. Connect across the public internet
- C. Use VPC peering to create a connection.
- • D. Use AWS Direct Connect.

Correct Answer: D

208) Which Amazon EC2 pricing model is dynamically adjusted in response to EC2 instance availability and demand?

- A. On-Demand Instances
- B. Reserved Instances
- C. Spot Instances
- D. Convertible Reserved Instances

Correct Answer: C

In the new model, the Spot prices are more predictable, updated less frequently, and are determined by supply and demand for Amazon EC2 spare capacity, not bid prices.

209) Which service should a client utilize to integrate and manage several Amazon Web Services accounts centrally?

- A. AWS IAM
- B. AWS Organizations
- C. AWS Schema Conversion Tool
- D. AWS Config

Correct Answer: B

210) Which choices do users have when contacting AWS Support? (Select two.)

- A. Create an email case in the AWS Support Center.
- B. Visit a local AWS Support Center.
- C. Use live chat functionality.
- D. Call the customer service phone number.
- E. Use the video conference functionality of the AWS Support console.

Correct Answer: CD

- 1.Sign in to your AWS account.
- 2.Open the [AWS Support console](#), and then choose Create case.
- 3.Select your option for Create case, and then enter the required information in the Case details section.
- 4.Select your preference for Contact options.

Important: The options for contact vary based on the type of case and your Support plan.

If you select Web, you can read and respond to the case in Support Center.

If you select Chat, you can chat online with a representative from AWS Support.

If you select Phone, you're prompted for a callback number. You'll receive a call from AWS Support as soon as you create the case. Be sure to provide a direct line phone number.

Note: If your account isn't fully activated yet, you can choose the Chat option.

- 5.Choose Submit.

211) A business must track and anticipate AWS expenditures and use.

Additionally, the organization must configure event-driven alert alerts that are triggered when expenditure limitations are exceeded.

Which Amazon Web Services (AWS) offering or technology should the business employ to achieve these requirements?

- A. AWS Budgets
- B. Amazon CloudWatch
- C. AWS Config
- D. AWS Service Catalog

212) Which of the following IT functions does AWS do in order to relieve a business of its responsibility for managing its IT resources? (Select two.)

- A. Configuring operating system firewalls
- B. Setting up access controls for data
- •C. Backing up databases
- D. Configuring database user accounts
- •E. Installing operating systems

213) Which AWS technologies aid in cost estimation? (Select three.)

- •A. Detailed billing report
- •B. Cost allocation tags
- •C. AWS Simple Monthly Calculator
- •D. AWS Total Cost of Ownership (TCO) Calculator
- E. Cost Estimator

214) In comparison to conventional and virtualized data center prices, AWS offers the following:

- A. greater variable costs and greater upfront costs.
- B. fixed usage costs and lower upfront costs.
- C. lower variable costs and greater upfront costs.
- •D. lower variable costs and lower upfront costs.

Correct Answer: D

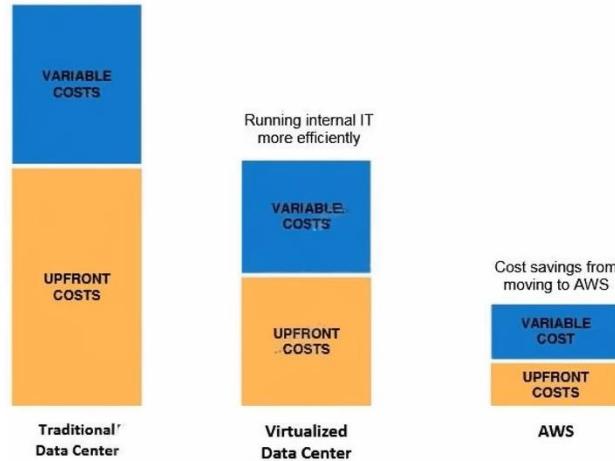


Figure 2: Cost Comparison of Data Centers and AWS

215) Which situations should the AWS Abuse team be notified about?

- •A. In Availability Zone has a service disruption
- B. An intrusion attempt is made from an AWS IP address
- C. A user has trouble accessing an Amazon S3 bucket from an AWS IP address
- D. A user needs to change payment methods due to a compromise

Correct Answer: B

The AWS Trust & Safety team can assist you when AWS resources are used to engage in the following types of abusive behavior:

- **Spam:** You are receiving unwanted emails from an AWS-owned IP address, or AWS resources are used to spam websites or forums.
- **Port scanning:** Your logs show that one or more AWS-owned IP addresses are sending packets to multiple ports on your server. You also believe this is an attempt to discover unsecured ports.
- **Denial-of-service (DoS) attacks:** Your logs show that one or more AWS-owned IP addresses are used to flood ports on your resources with packets. You also believe that this is an attempt to overwhelm or crash your server or the software running on your server.
- **Intrusion attempts:** Your logs show that one or more AWS-owned IP addresses are used to attempt to log in to your resources.

216) Which AWS feature should a client exploit to ensure an application's high availability?

- A. AWS Direct Connect
- • B. Availability Zones
- C. Data centers
- D. Amazon Virtual Private Cloud (Amazon VPC)

Correct Answer: B

This is to achieve High Availability for any web application (in this case SwiftCode) deployed in AWS. The following features will be present:

- ☞ High availability across multiple instances/multiple availability zones.
- ☞ Auto Scaling of instances (scale up and scale down) based on number of requests coming in
- ☞ Additional Security to the instances/database that are in production
- ☞ No impact to end users during newer version of code deployment
- ☞ No Impact during patching the instances

217) How might an AWS client implement common access restrictions to a big group of users easily?

- • A. Apply an IAM policy to an IAM group.
• B. Apply an IAM policy to an IAM role.
• C. Apply the same IAM policy to all IAM users with access to the same workload.
• D. Apply an IAM policy to an Amazon Cognito user pool.

Correct Answer: A

Instead of defining permissions for individual IAM users, it's usually more convenient to create groups that relate to job functions (administrators, developers, accounting, etc.). Next, define the relevant permissions for each group. Finally, assign IAM users to those groups. All the users in an IAM group inherit the permissions assigned to the group. That way, you can make changes for everyone in a group in just one place. As people move around in your company, you can simply change what IAM group their IAM user belongs to.

218) A business need software solutions that are either hosted on the AWS platform or are linked with it. Independent software providers, as well as management and security vendors, are required to provide solutions.

Which organization or team is capable of providing these solutions?

- A. AWS technical account managers (TAMs)
- B. AWS Partner Network (APN) Consulting Partners
- C. AWS Concierge Support
- D. AWS Partner Network (APN) Technology Partners



219) Which AWS services are available for application deployment?
(Select two.)

- •A. AWS Elastic Beanstalk
- •B. AWS Config
- •C. AWS OpsWorks
- •D. AWS Application Discovery Service
- •E. Amazon Kinesis

220) Which responsibility do customers bear while using Amazon EC2?
(Select two.)

- •A. Underlying hardware maintenance
- •B. File-system-level encryption
- •C. Guest operating system firewall configuration
- •D. Hypervisor-level software patching
- •E. Physical security at data center facilities

221) A business needs handle a huge volume of data from social network accounts using high-throughput graphical queries.

Which AWS service will assist the business in developing a cloud architecture that satisfies these criteria?

- A. Amazon RDS
- B. Amazon DynamoDB
- •C. Amazon Neptune
- D. Amazon Redshift

Correct Answer: C

Amazon Neptune is a fast, reliable, fully managed graph database service that makes it easy to build and run applications.

222) Which AWS service enables the use of the AWS Cloud to host a NoSQL database?

- A. Amazon Aurora
- •B. Amazon DynamoDB
- C. Amazon RDS
- D. Amazon Redshift

Correct Answer: B

Amazon DynamoDB is a fully managed NoSQL database service that provides fast and predictable performance with seamless scalability.

223) A business is consolidating many apps into a single Amazon Web Services (AWS) account. The organization wishes to keep track of the AWS Cloud fees paid by individual applications.

What can the business do to ensure compliance with this requirement?

- A. Set up invoiced billing.
- B. Use AWS Artifact.
- C. Set the budgets in Cost Explorer.
- D. Create cost allocation tags.



Using Cost Allocation Tags

Correct Answer: D

[PDF](#) | [Kindle](#) | [RSS](#)

A tag is a label that you or AWS assigns to an AWS resource. Each tag consists of a *key* and a *value*. For each resource, each tag key must be unique, and each tag key can have only one value. You can use tags to organize your resources, and cost allocation tags to track your AWS costs on a detailed level. After you activate cost allocation tags, AWS uses the cost allocation tags to organize your resource costs on your cost allocation report, to make it easier for you to categorize and track your AWS costs. AWS provides two types of cost allocation tags, an *AWS generated tags* and *user-defined tags*. AWS, or AWS Marketplace ISV defines, creates, and applies the AWS generated tags for you, and you define, create, and apply user-defined tags. You must activate both types of tags separately before they can appear in Cost Explorer or on a cost allocation report.

224) On an Amazon EC2 instance, a batch job takes 5 hours to complete. Monthly, the quantity of data to be processed doubles, and the time required to process it is proportionate.

What is the optimal cloud architecture for meeting this escalating demand?

- A. Run the application on a bigger EC2 instance size.
- B. Switch to an EC2 instance family that better matches batch requirements.
- C. Distribute the application across multiple EC2 instances and run the workload in parallel.
- D. Run the application on a bare metal EC2 instance.



225) How can AWS Trusted Advisor assist AWS Cloud users? (Select two.)

- A. It identifies software vulnerabilities in applications running on AWS
- B. It provides a list of cost optimization recommendations based on current AWS usage
- C. It detects potential security vulnerabilities caused by permissions settings on account resources
- D. It automatically corrects potential security issues caused by permissions settings on account resources
- E. It provides proactive alerting whenever an Amazon EC2 instance has been compromised



226) Which AWS function will assist users in determining the CPU capacity of an application running on an Amazon EC2 instance?



- A. Amazon CloudWatch
- B. AWS Config
- C. AWS CloudTrail
- D. Amazon Inspector

Correct Answer: A

You can see the CPU Credit balance for each T2 instance in EC2 per-Instance metrics in Amazon CloudWatch. T2 instances have four metrics, CPUCreditUsage, CPUCreditBalance, CPUSurplusCreditBalance and CPUSurplusCreditsCharged.

227) A user may create a master payer account in order to access aggregated billing data via:

- A. AWS Budgets.
- B. Amazon Macie.
- C. Amazon QuickSight.
- D. AWS Organizations.

228) Every few years, a business invests several months in modernizing its on-premises infrastructure. The organization wishes to shorten the time required for infrastructure purchase by shifting to the AWS Cloud.

What is the primary advantage of transferring this use case to the AWS Cloud?

- A. AWS will help move the existing hardware to the AWS data centers.
- B. The company will have increased agility with on-demand access to IT resources.
- C. Enterprise support will be available to help with recurring application installation and setup.
- D. The company will experience less downtime with Multi-AZ deployments.

229) Which Amazon Web Services (AWS) offering allows customers to aggregate billing for many accounts?

- A. Amazon QuickSight
- B. AWS Organizations
- C. AWS Budgets
- D. Amazon Forecast

Correct Answer: B

You can use the consolidated billing feature in AWS Organizations to consolidate billing and payment for multiple AWS accounts or multiple Amazon Internet Services Pvt. Ltd (AISPL) accounts. Every organization in AWS Organizations has a master (payer) account that pays the charges of all the member (linked) accounts.

230) Which of the following are advantages of Amazon Web Services' cloud computing platform? (Select two.)

- A. Unlimited uptime
- B. Elasticity
- C. Agility
- D. Colocation
- E. Capital expenses

Correct Answer: BC

The most celebrated benefit of AWS cloud is elasticity since you can expand the services when you experience more traffic.

Agile developments in AWS Cloud through strategies are day by day becoming more established within the enterprises across the world. With so much improvement and call for optimization in the cloud, it is necessary that these strategies get established from the ground up within the organizations. It is highly important as already enterprises have a lot of bequest, politics and hierarchies which act as barriers in their businesses.

231) An application installed in the AWS Cloud exhibits irregular consumption patterns and is responsible for non-stop workloads.

Which Amazon EC2 pricing plan is the MOST cost-effective for this application?

- A. Dedicated Instances
- B. Spot Instances
- C. Reserved Instances
- D. On-Demand Instances



232) Which service's primary aim is to manage software versions?

- A. Amazon CodeStar
- B. AWS Command Line Interface (AWS CLI)
- C. Amazon Cognito
- D. AWS CodeCommit



Correct Answer: D

AWS CodeCommit is a version control service hosted by Amazon Web Services that you can use to privately store and manage assets (such as documents, source code, and binary files) in the cloud.

233) A business is now undergoing a security examination. The audit includes a security and compliance review of the company's AWS infrastructure and services. The auditor must identify and download AWS security and compliance materials. The System and Organization Control (SOC) reports are one of these documents.

Which AWS service or collection of services is capable of providing these documents?



- A. AWS Abuse team
- B. AWS Artifact
- C. AWS Support
- D. AWS Config

234) Which of the following is a design concept for AWS Cloud architecture?



- A. Implement single points of failure.
- B. Implement loose coupling.
- C. Implement monolithic design.
- D. Implement vertical scaling.

Correct Answer: B

Loose coupling between services can also be done through asynchronous integration. It involves one component that generates events and another that consumes them. The two components do not integrate through direct point-to-point interaction, but usually through an intermediate durable storage layer. This approach decouples the two components and introduces additional resiliency. So, for example, if a process that is reading messages from the queue fails, messages can still be added to the queue to be processed when the system recovers.

235) The continuous lowering in AWS Cloud price is a result of the following:

- A. pay-as-you go pricing
- B. the AWS global infrastructure
- •C. economies of scale
- D. reserved storage pricing

236) Which phase discusses agility as an advantage of AWS Cloud-based development?

- A. The ability to pay only when computing resources are consumed, based on the volume of resources that are consumed
- B. The ability to eliminate guessing about infrastructure capacity needs
- •C. The ability to support innovation through a reduction in the time that is required to make IT resources available to developers
- D. The ability to deploy an application in multiple AWS Regions around the world in minutes

237) A business wishes to deliver managed Windows virtual desktops and programs through secure network connections to its distant workers.

Which AWS services does the business have access to in order to achieve these requirements? (Select two.)

- •A. Amazon Connect
- •B. Amazon AppStream 2.0
- C. Amazon WorkSpaces
- D. AWS Site-to-Site VPN
- E. Amazon Elastic Container Service (Amazon ECS)

238) Which of the following is an AWS shared responsibility?

- A. Identity and access management (IAM)
- B. Server-side encryption (SSE)
- C. Firewall configuration
- •D. Maintaining physical hardware

239) Which storage service can be utilized to host static webpages at a minimal cost?

- A. Amazon Glacier
- B. Amazon DynamoDB
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon Simple Storage Service (Amazon S3)



240) Which AWS services are globally specified rather than regionally defined? (Select two.)

- •A. Amazon Route 53
- B. Amazon EC2
- C. Amazon S3
- •D. Amazon CloudFront
- E. Amazon DynamoDB

Correct Answer: AD

AWS Global, Regional, AZ resource Availability

AWS provides a lot of services and these services are either Global, Regional or specific to the Availability Zone and cannot be accessed outside. Most of the AWS managed services are regional based services (except for IAM, Route53, CloudFront, WAF etc).

241) Currently, a company's online program is highly dependent on underlying components, which means that when one component fails, the whole web site crashes.

Which AWS Cloud design concept is most appropriate for resolving the present design issue?

- A. Implementing elasticity, enabling the application to scale up or scale down as demand changes.
- B. Enabling several EC2 instances to run in parallel to achieve better performance.
- •C. Focusing on decoupling components by isolating them and ensuring individual components can function when other components fail.
- D. Doubling EC2 computing resources to increase system fault tolerance.



242) A user must locate, categorize, and safeguard sensitive data stored in Amazon S3 automatically.

Which AWS service satisfies these criteria?

- A. Amazon Inspector
- •B. Amazon Macie
- C. Amazon GuardDuty
- D. AWS Secrets Manager

243) On an Amazon EC2 instance, a business hosts an application. Several AWS resources, including Amazon S3 and Amazon DynamoDB, are required by the EC2 instance.

What is the MOST OPTIMAL way to delegate permissions?

- ➡ A. Create an IAM role with the required permissions. Attach the role to the EC2 instance.
- B. Create an IAM user and use its access key and secret access key in the application.
- C. Create an IAM user and use its access key and secret access key to create a CLI profile in the EC2 instance
- D. Create an IAM role with the required permissions. Attach the role to the administrative IAM user.

244) Which of the following are support categories for AWS Trusted Advisor? (Select two.)

- ➡ A. Operational excellence
- ➡ B. Cost optimization
- ➡ C. Security
- D. Well-Architected Framework
- E. Rightsizing

Correct Answer: BC

AWS Trusted Advisor -

Reduce costs, improve performance, improve security

245) How can Amazon EC2 Auto Scaling groups contribute to a web application's high availability?

- A. They automatically add more instances across multiple AWS Regions based on global demand of the application.
- ➡ B. They automatically add or replace instances across multiple Availability Zones when the application needs it.
- C. They enable the application's static content to reside closer to end users.
- D. They are able to distribute incoming requests across a tier of web server instances.

Correct Answer: B

When the unhealthy Availability Zone returns to a healthy state, Auto Scaling automatically redistributes the application instances evenly across all of the designated Availability Zones.

246) A business has a stateless application workload that can withstand brief periods of outage. The program conducts calculations in massively parallel fashion.

Which Amazon EC2 pricing model should the business choose to save costs?

- A. On-Demand Instances
- ➡ B. Spot Instances
- C. Reserved Instances
- D. Dedicated Instances

247) Which of the following is a method for enhancing AWS security? (Select two.)

- A. Using AWS Artifact
- B. Granting the broadest permissions to all IAM roles
- C. Running application code with AWS Cloud9
- ➡ •D. Enabling multi-factor authentication (MFA) with Amazon Cognito
- ➡ •E. Using AWS Trusted Advisor security checks

248) Under the AWS shared responsibility paradigm, the following parties are responsible for the security and patching of the guest operating system:

- A. AWS Support
- ➡ •B. the customer
- C. AWS Systems Manager
- D. AWS Config

249) What is an example of AWS Cloud's high availability?

- A. Consulting AWS technical support at any time day or night
- ➡ •B. Ensuring an application remains accessible, even if a resource fails
- C. Making any AWS service available for use by paying on demand
- D. Deploying in any part of the world using AWS Regions

250) Which aspects of AWS make it cost viable for workloads with fluctuating customer demand? (Select two.)

- A. High availability
- B. Shared security model
- ➡ •C. Elasticity
- ➡ •D. Pay-as-you-go pricing
- E. Reliability

251) A business wants to migrate 40TB of data from on-premises storage systems to Amazon S3. The transfer must occur as rapidly as feasible while maintaining a low cost. The firm has internet access at a speed of 100 megabits per second.

Which AWS service will satisfy these criteria?

-
- A. AWS Snowball
 - B. AWS Direct Connect
 - C. AWS Storage Gateway
 - D. Amazon S3 Transfer Acceleration

Correct Answer: A

Snowball is better for 40TB transfer. It will make transfer while keeping the costs at minimum. With 100 mbps, it will be quick.

252) Which of the following allows customers to programmatically access the power of AWS services?

-
- A. AWS Command Line Interface (AWS CLI)
 - B. AWS Trusted Advisor
 - C. AWS CodeDeploy
 - D. AWS Management Console

253) A business wishes to migrate some of its resources to the AWS Cloud. To comply with regulatory standards, data must stay on-premises and local. AWS and the company's resources must have a low latency.

Which Amazon Web Services (AWS) service or functionality may be leveraged to fulfill these requirements?

- A. AWS Local Zones
- B. Availability Zones

→

- C. AWS Outposts
- D. AWS Wavelength Zones

254) A business has specified the Amazon Web Services (AWS) resources it requires for a new application. The business must determine the expenses associated with operating the application on AWS.

What actions should the business take to comply with this stipulation?

-
- A. Take advantage of AWS on-demand pricing.
 - B. Use the AWS Pricing Calculator to generate an approximate dollar amount.
 - C. Use Amazon QuickSight to analyze current on-premises spending.
 - D. Use Amazon AppStream 2.0 for real-time pricing analytics.

Correct Answer: B

Estimate your AWS billing

- If you plan to migrate significant infrastructure to AWS, use the [AWS Sales & Business Development contact form](#), and then choose **I need to speak to someone in sales**.
- To estimate a bill, use the [AWS Pricing Calculator](#). Choose **Create estimate**, and then choose your planned resources by service. The AWS Pricing Calculator provides an estimated cost per month. For more information, see [What is AWS Pricing Calculator?](#)
- To forecast your costs, use the [AWS Cost Explorer](#). Use **cost allocation tags** to divide your resources into groups, and then estimate the costs for each group.

255) For its steady-state database, a corporation runs a self-managed Oracle database directly on Amazon EC2. The corporation wishes to cut its computing expenses.

Which option should the business choose in order to optimize savings over a three-year period?

- A. EC2 Dedicated Instances
- B. EC2 Spot Instances
- •C. EC2 Reserved Instances
- D. EC2 On-Demand Instances

Correct Answer: C

Amazon EC2 Reserved Instances (RI) provide a significant discount (up to 72%) compared to On-Demand pricing and provide a capacity reservation when used in a specific Availability Zone.

256) A corporation is developing an application that must distribute photos and videos internationally with the least amount of delay possible.

Which strategy may the business take to do this in the most cost-effective manner?

- •A. Deliver the content through Amazon CloudFront.
- B. Store the content on Amazon S3 and enable S3 cross-region replication.
- C. Implement a VPN across multiple AWS Regions.
- D. Deliver the content through AWS PrivateLink.

258) Which AWS services enable an on-premises infrastructure to be extended to the AWS Cloud? (Select two.)

- •A. Amazon EBS
- •B. AWS Direct Connect
- C. Amazon CloudFront
- •D. AWS Storage Gateway
- E. Amazon Connect

Correct Answer: BD

259) Which AWS service enables the generation of warnings based on a monthly bill estimate?

- A. AWS Config
- •B. Amazon CloudWatch
- C. AWS X-Ray
- D. AWS CloudTrail

Correct Answer: B

You can monitor your estimated AWS charges by using Amazon CloudWatch. When you enable the monitoring of estimated charges for your AWS account, the estimated charges are calculated and sent several times daily to CloudWatch as metric data.

Billing metric data is stored in the US East (N. Virginia) Region and represents worldwide charges. This data includes the estimated charges for every service in AWS that you use, in addition to the estimated overall total of your AWS charges.

260) Which AWS service may be utilized to deploy the application?

- A. AWS AppSync
- B. AWS Batch
- •C. AWS CodePipeline
- D. AWS DataSync

261) Which AWS service or functionality is by default highly available?

- A. Amazon EC2
- B. Amazon Aurora
- C. NAT instances
- •D. Amazon RDS

262) A business requires data migration from its on-premises environment to the AWS Cloud. The business demands extremely elastic and efficient connection.

Which AWS service satisfies these criteria?

- A. Amazon S3 Glacier
- •B. AWS Storage Gateway
- C. AWS Backup
- D. Amazon Elastic File System (Amazon EFS)

263) Which AWS service or functionality is exclusively accessible to AWS Enterprise Support customers?

- A. AWS Trusted Advisor
- B. AWS Support case
- •C. AWS Concierge Support team
- D. Amazon Connect

264) Which resource is the MOST EFFECTIVE for keeping current on AWS security announcements?

- A. AWS Personal Health Dashboard
- B. AWS Secrets Manager
- •C. AWS Security Bulletins
- D. Amazon Inspector

265) Which AWS services aid in application performance optimization by lowering latency associated with global content access? (Select two.)

- •A. Amazon CloudFront
- B. AWS VPN
- C. AWS Direct Connect
- •D. AWS Global Accelerator
- E. Amazon S3 Glacier

266) Which of the following operations can be done only after logging in using the root user credentials for your AWS account? (Select two.)

- •A. Closing an AWS account
- B. Creating a new IAM policy
- •C. Changing AWS Support plans
- D. Attaching a role to an Amazon EC2 instance
- E. Generating access keys for IAM users

267) Which techniques are available for deriving AWS charges by department? (Select two.)

- A. Enable multi-factor authentication for the AWS account root user.
- •B. Create separate accounts for each department.
- C. Use Reserved Instances whenever possible.
- •D. Use tags to associate each instance with a particular department.
- E. Pay bills using purchase orders.

268) Which AWS services can be utilized to automate infrastructure? (Select two.)

- •A. AWS CloudFormation
- B. Amazon CloudFront
- C. AWS Batch
- •D. AWS OpsWorks
- E. Amazon QuickSight

269) The solutions architect of a business want to deploy a few Amazon EC2 instances in an already-existing AWS account. Before the firm can accept the request, it wants a cost estimate.

Which AWS tool should be used to generate the cost estimate?

- •A. AWS Pricing Calculator
- B. Cost Explorer
- C. AWS Cost and Usage Report
- D. AWS Budgets

Correct Answer: A

AWS Pricing Calculator is a web-based planning tool that you can use to create estimates for your AWS use cases. You can use it to model your solutions before building them, explore the AWS service price points, and review the calculations behind your estimates. You can use it to help you plan how you spend, find cost saving opportunities, and make informed decisions when using Amazon Web Services.

270) Which AWS services enable users to link their AWS Cloud resources to their on-premises resources? (Select two.)

- •A. AWS VPN
- B. Amazon Connect
- C. Amazon Cognito
- •D. AWS Direct Connect
- E. AWS Managed Services

271) While an Amazon EC2 instance is only activated when it is required, it must stay active throughout the life of the procedure.

What is the most acceptable method of purchase?

- A. Dedicated Instances
- B. Spot Instances
- •C. On-Demand Instances
- D. Reserved Instances

272) A business's operations are conducted on-site. The business want to anticipate the costs associated with hosting a major application on AWS.

Which AWS service or tool does the business have access to in order to collect this information?

- •A. AWS Pricing Calculator
- B. AWS Budgets
- C. AWS Trusted Advisor
- D. Cost Explorer

273) How can a client strengthen the security of their Amazon Web Services (AWS) account logons? (Select two.)

- A. Configure AWS Certificate Manager
- •B. Enable Multi-Factor Authentication (MFA)
- •C. Use Amazon Cognito to manage access
- •D. Configure a strong password policy
- E. Enable AWS Organizations

Correct Answer: BD

Your root account should always be protected by Multi-Factor Authentication (MFA). This additional layer of security helps protect against unauthorized logins to your account by requiring two factors: something you know (a password) and something you have (for example, an MFA device). AWS supports virtual and hardware MFA devices and U2F security keys.

274) A big firm often has a single Amazon Web Services (AWS) account.

What are the benefits of repurposing a single AWS account to create additional AWS accounts? (Select two.)

- •A. It allows for administrative isolation between different workloads.
- B. Discounts can be applied on a quarterly basis by submitting cases in the AWS Management Console.
- C. Transitioning objects from Amazon S3 to Amazon S3 Glacier in separate AWS accounts will be less expensive.
- •D. Having multiple accounts reduces the risks associated with malicious activity targeted at a single account.
- E. Amazon QuickSight offers access to a cost tool that provides application-specific recommendations for environments running in multiple accounts.

275) Which solution enables a business with numerous AWS accounts to consolidate its consumption in order to qualify for bulk discounts?

- A. AWS Server Migration Service
- •B. AWS Organizations
- C. AWS Budgets
- D. AWS Trusted Advisor

Correct Answer: B

Use the consolidated billing feature in AWS Organizations to consolidate billing and payment for multiple AWS accounts or multiple Amazon Internet Services Pvt.

Ltd (AISPL) accounts. Every organization in AWS Organizations has a master account that pays the charges of all the member accounts.

Consolidated billing has the following benefits:

- ⇒ One bill - You get one bill for multiple accounts.
- ⇒ Easy tracking - You can track the charges across multiple accounts and download the combined cost and usage data.
- ⇒ Combined usage - You can combine the usage across all accounts in the organization to share the volume pricing discounts and Reserved Instance discounts. This can result in a lower charge for your project, department, or company than with individual standalone accounts. For more information, see Volume Discounts.
- ⇒ No extra fee Consolidated billing is offered at no additional cost.

276) Which AWS services may be protected against typical online exploitations using AWS WAF? (Select two.)

- •A. Amazon Route 53
- B. Amazon CloudFront
- C. AWS Transfer Family
- D. AWS Site-to-Site VPN
- •E. Amazon API Gateway

277) A business uses an Amazon EC2 Auto Scaling policy in conjunction with an Application Load Balancer to restore sick apps running on Amazon EC2 instances automatically.

This activity pertains to which pillar of the AWS Well-Architected Framework?

- A. Security
- B. Performance efficiency
- C. Operational excellence
- •D. Reliability

278) A business want to migrate current software licenses to AWS, however the licensing strategy involves licensing physical cores.

How can the organization do this in the AWS Cloud?

- A. Launch an Amazon EC2 instance with default tenancy.
- •B. Launch an Amazon EC2 instance on a Dedicated Host.
- C. Create an On-Demand Capacity Reservation.
- D. Purchase Dedicated Reserved Instances.

279) Which service offers nearly infinite online storage for very durable objects?

- A. Amazon Redshift
- B. Amazon Elastic File System (Amazon EFS)
- C. Amazon Elastic Container Service (Amazon ECS)
- •D. Amazon S3

280) Which AWS services are available for file storage? (Select two.)

- •A. Amazon S3
- B. AWS Lambda
- •C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon SageMaker
- E. AWS Storage Gateway

281) A media business want to disseminate video material through the internet to millions of viewers globally. The organization wishes to use AWS's worldwide network backbone in order to deliver cached material with minimal latency and fast data transfer rates.

Which AWS service will satisfy these criteria?

- •A. Amazon CloudFront
- B. AWS Global Accelerator
- C. AWS Direct Connect
- D. Amazon Connect

282) Which AWS advantage allows customers to construct cloud infrastructure that spans various geographic areas and is linked through a low-latency, high-performance network?

What about throughput and redundancy?

- A. Economies of scale
- B. Security
- C. Elasticity
- D. Global reach



283) Which AWS service or feature enables businesses to take advantage of AWS's volume discounts?

- A. Saving Plans
- B. AWS Budgets
- C. AWS Organizations
- D. AWS Pricing Calculator

Correct Answer: C

Manage costs and optimize usage

AWS Organizations enables you to simplify costs and take advantage of quantity discounts with a single bill. In addition, you can optimize usage across your organization with services like [AWS Compute Optimizer](#) and [AWS Cost Explorer](#).

284) Which AWS IAM feature is used to link numerous users with a set of permissions?

- A. Multi-factor authentication
- B. Groups
- C. Password policies
- D. Access keys

Correct Answer: B

An IAM group is a collection of IAM users. You can use groups to specify permissions for a collection of users, which can make those permissions easier to manage for those users. For example, you could have a group called Admins and give that group the types of permissions that administrators typically need.

285) A social media firm has been tasked with the responsibility of launching a new function. Users will be able to share photographs that will be seen by other users worldwide with little delay.

Which AWS service or feature should the business use in order to achieve this demand the most cost-effectively?

- A. Amazon DynamoDB global tables
- B. AWS Direct Connect
- C. Amazon CloudFront
- D. AWS Outposts



Correct Answer: C

Securely deliver content with low latency and high transfer speeds.

286) Which AWS service enables application decoupling?

- A. AWS Config
- •B. Amazon Simple Queue Service (Amazon SQS)
- C. AWS Batch
- D. Amazon Simple Email Service (Amazon SES)

Correct Answer: B

Amazon SQS refers to a **message queuing service that is used for decoupling and scaling microservices, distributed systems, and serverless applications**. SQS removes the complexity and overhead linked with managing and operating message-oriented middleware and empowers developers for focusing on differentiating work.

287) Amazon EC2 web servers connect to a traditional application operating in a corporate data center.

What phrase would be appropriate to use to describe this model?

- A. Cloud-native
- B. Partner network
- •C. Hybrid architecture
- D. Infrastructure as a service

Correct Answer: C

AWS hybrid cloud services deliver a consistent AWS experience wherever you need it – from the cloud, to on premises, and at the edge. Select from the broadest set of compute, networking, storage, security, identity, data integration, management, monitoring, and operations services to build hybrid architectures that meet your specific requirements and use cases.

288) A previously utilized Amazon EC2 instance for development is no longer available and does not display in the AWS Management Console.

Which AWS service should be utilized to discover what activity resulted in the inaccessibility of this EC2 instance?

- A. Amazon CloudWatch Logs
- B. AWS Security Hub
- C. Amazon Inspector
- •D. AWS CloudTrail

Correct Answer: D

Visibility into your AWS account activity is a key aspect of security and operational best practices. You can use CloudTrail to view, search, download, archive, analyze, and respond to account activity across your AWS infrastructure. You can identify who or what took which action, what resources were acted upon, when the event occurred, and other details to help you analyze and respond to activity in your AWS account. Optionally, you can enable AWS CloudTrail Insights on a trail to help you identify and respond to unusual activity.

289) A Cloud Practitioner is required to retain data for seven years in order to comply with regulatory standards.

Which AWS service meets this need for the LEAST amount of money?

- A. Amazon S3
- B. AWS Snowball
- C. Amazon Redshift
- •D. Amazon S3 Glacier

Correct Answer: D

S3 Glacier Deep Archive is Amazon S3's lowest-cost storage class and supports long-term retention and digital preservation for data that may be accessed once or twice in a year. It is designed for customers "particularly those in highly-regulated industries, such as the Financial Services, Healthcare, and Public Sectors" that retain data sets for 7-10 years or longer to meet regulatory compliance requirements. S3 Glacier Deep Archive can also be used for backup and disaster recovery use cases, and is a cost-effective and easy-to-manage alternative to magnetic tape systems, whether they are on-premises libraries or off-premises services.

290) What does AWS's obligation under the shared responsibility paradigm entail?

- A. Updating the network ACLs to block traffic to vulnerable ports.
- B. Patching operating systems running on Amazon EC2 instances.
- •C. Updating the firmware on the underlying EC2 hosts.
- D. Updating the security group rules to block traffic to the vulnerable ports.

291) AWS CloudFormation is intended to assist the user in the following ways:

- •A. model and provision resources.
- B. update application code.
- C. set up data lakes.
- D. create reports for billing.

Correct Answer: A

AWS CloudFormation provides a common language for you to model and provision AWS and third party application resources in your cloud environment. AWS

CloudFormation allows you to use programming languages or a simple text file to model and provision, in an automated and secure manner, all the resources needed for your applications across all regions and accounts. This gives you a single source of truth for your AWS and third party resources.

292) A business wishes to grant access to Amazon RDS to one of its workers. Additionally, the corporation wishes to confine contact to the AWS CLI and AWS software development kits (SDKs).

Which combination of measures should the business do in order to satisfy these needs while adhering to the concept of least privilege? (Select two.)

- A. Create an IAM user and provide AWS Management Console access only.
- •B. Create an IAM user and provide programmatic access only.
- C. Create an IAM role and provide AWS Management Console access only.
- D. Create an IAM policy with administrator access and attach it to the IAM user.
- •E. Create an IAM policy with Amazon RDS access and attach it to the IAM user.

293) Which of the following guidelines constitutes a well-architected design philosophy for cloud application development?

- A. Keep static data closer to compute resources.
- B. Provision resources for peak capacity.
- •C. Design for automated recovery from failure.
- D. Use tightly coupled components.

Correct Answer: C

Automatically recover from failure: By monitoring a workload for key performance indicators (KPIs), you can trigger automation when a threshold is breached. These KPIs should be a measure of business value, not of the technical aspects of the operation of the service. This allows for automatic notification and tracking of failures, and for automated recovery processes that work around or repair the failure. With more sophisticated automation, it's possible to anticipate and remediate failures before they occur.

294) What are the immediate advantages of AWS Cloud computing? (Select two.)

- A. Increased IT staff.
- •B. Capital expenses are replaced with variable expenses.
- C. User control of infrastructure.
- •D. Increased agility.
- E. AWS holds responsibility for security in the cloud.

295) The following are the economical advantages of using AWS: (Choose two.)

- •A. reduced Total Cost of Ownership (TCO).
- B. increased capital expenditure (capex).
- •C. reduced operational expenditure (opex).
- D. deferred payment plans for startups.
- E. business credit lines for startups.

296) Which acts exemplify excellent practices for AWS IAM use? (Select two.)

- •A. Configure a strong password policy
- B. Share the security credentials among users of AWS accounts who are in the same Region
- C. Use access keys to log in to the AWS Management Console
- •D. Rotate access keys on a regular basis
- E. Avoid using IAM roles to delegate permissions

297) A business want to establish templates that it may reuse when deploying numerous AWS resources.

Which Amazon Web Services (AWS) offering or functionality can the business employ to achieve this requirement?

- A. AWS Marketplace
- B. Amazon Machine Image (AMI)
- C. AWS CloudFormation
- D. AWS OpsWorks

Correct Answer: C

After you have your stacks and resources set up, you can reuse your templates to replicate your infrastructure in multiple environments.

AWS CloudFormation simplifies provisioning and management on AWS. You can create templates for the service or application architectures you want and have AWS CloudFormation use those templates for quick and reliable provisioning of the services or applications (called “stacks”). You can also easily update or replicate the stacks as needed.

298) How can a business use AWS to lower its Total Cost of Ownership (TCO)?

- •A. By minimizing large capital expenditures
•B. By having no responsibility for third-party license costs
•C. By having no operational expenditures
•D. By having AWS manage applications

Correct Answer: A

AWS helps you reduce Total Cost of Ownership (TCO) by reducing the need to invest in large capital expenditures and providing a pay-as-you-go model that empowers you to invest in the capacity you need and use it only when the business requires it.

299) A business's website is hosted on Amazon EC2 instances. The firm must guarantee that the website is accessible to a worldwide audience and has a low latency for visitors.

Which Amazon Web Services (AWS) offering should the business employ to achieve these requirements?

- •A. Amazon Route 53
•B. Amazon CloudFront
•C. Elastic Load Balancing
•D. AWS Lambda

Correct Answer: B

CloudFront – Users can secure access to their websites and enable fast access worldwide.

300) A business employs Amazon EC2 infrastructure to host steady-state workloads and is looking to save money.

Which pricing model for EC2 instances should the business choose?

- •A. Reserved Instances
•B. On-Demand Instances
•C. Spot Instances
•D. Dedicated Hosts

Correct Answer: A

Amazon Reserved Instances are a great way to save money on AWS. Whether you’re looking to save on EC2, RDS, ElastiCache, Elasticsearch, or Redshift, there are options to save **30-70%** compared to on-demand costs.

301) Which actions should a user take if he or she detects a hacked AWS account? (Make a selection of at least two.)

- A. Remove any multi-factor authentication (MFA) tokens.
- •B. Rotate and delete all AWS access keys.
- C. Move resources to a different AWS Region.
- D. Delete AWS CloudTrail resources.
- •E. Contact AWS Support.

302) Which job, in accordance with the AWS shared responsibility model, is AWS's duty for workloads operating on Amazon EC2?

- 
- A. Updating the physical hardware
 - B. Updating the operating system
 - C. Updating the database engine
 - D. Updating the user data

303) How can AWS MOST effectively cut a rising start-computing up's costs?

- 
- A. It provides on-demand resources for peak usage.
 - B. It automates the provisioning of individual developer environments.
 - C. It automates customer relationship management.
 - D. It implements a fixed monthly computing budget.

304) Which service manages objects by storing them, providing real-time access to them, and managing their versions and lifecycles?

- A. Amazon Glacier
- B. AWS Storage Gateway
- •C. Amazon S3
- D. Amazon EBS

305) Which Amazon Web Services (AWS) service may be used to securely store and manage source code versions?

- •A. AWS CodeBuild
- B. AWS CodeCommit
- C. AWS CodePipeline
- D. AWS CodeStar

306) Which tool may be used to track planned AWS infrastructure changes?

- A. AWS Personal Health Dashboard
- B. AWS Trusted Advisor
- C. Billing Dashboard
- D. AWS Config



307) Which of the following are AWS security recommended practices for managing an AWS account's root user using AWS Identity and Access Management (IAM)? (Choose\stwo.)

- •A. Set up multi-factor authentication (MFA) for the root user.
- •B. Remove all IAM policies from the root user.
- •C. Delete the root user access keys.
- D. Use the root user for daily tasks.
- E. Assign a read-only access policy to the root user.

308) Which AWS Support package is the LEAST costly and gives 24-hour access to AWS customer care and communities?

- A. AWS Enterprise Support
- B. AWS Business Support
- C. AWS Developer Support
- D. AWS Basic Support



309) A firm that does business online must supply new capabilities rapidly and iteratively, decreasing time to market.

Which AWS Cloud function is capable of doing this?

- A. Elasticity
- B. High availability
- C. Agility
- D. Reliability

310) A business has a concentrated group of users with significant file storage needs that outstrip the available capacity on-premises. The organization wishes to expand its file storage capacities for this group while maintaining the performance advantages associated with local content sharing.

Which AWS option is the MOST OPERATIONALLY EFFECTIVE in this scenario?

- A. Create an Amazon S3 bucket for each user. Mount each bucket by using an S3 file system mounting utility.
- B. Configure and deploy an AWS Storage Gateway file gateway. Connect each user's workstation to the file gateway.
- C. Move each user's working environment to Amazon WorkSpaces. Set up an Amazon WorkDocs account for each user.
- D. Deploy an Amazon EC2 instance and attach an Amazon Elastic Block Store (Amazon EBS) Provisioned IOPS volume. Share the EBS volume directly with the users.

311) Which AWS feature enables a business to use consumption levels across different member accounts?

- A. Service control policies (SCPs)
- B. Consolidated billing
- C. All Upfront Reserved Instances
- D. AWS Cost Explorer

312) To utilize the AWS CLI, users must produce the following:

- 
- A. a password policy.
 - B. an access/secret key.
 - C. a managed policy.
 - D. an API key.

313) Which AWS solution enables customers to extend AWS infrastructure, AWS services, APIs, and tools to data centers, co-location settings, or on-premises facilities through a hybrid architecture?

- A. AWS Snowmobile
- B. AWS Local Zones
- C. AWS Outposts
- D. AWS Fargate

314) Which service allows consumers to audit AWS API calls?

- 
- A. AWS CloudTrail
 - B. AWS Trusted Advisor
 - C. Amazon Inspector
 - D. AWS X-Ray

315) Which AWS service would be utilized to manage AWS access across numerous accounts in a centralized fashion?

- A. AWS Service Catalog
- B. AWS Config
- C. AWS Trusted Advisor
- •D. AWS Organizations

316) Which Amazon Web Offerings (AWS) services provide computational capabilities? (Select two.)

- •A. Amazon EC2
- B. Amazon S3
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon Cognito
- •E. AWS Lambda

317) Which opportunities does AWS provide for clients interested in learning about cloud security in an instructor-led setting? (Select two.)

- A. AWS Trusted Advisor
- •B. AWS Online Tech Talks
- C. AWS Blog
- D. AWS Forums
- •E. AWS Classroom Training

318) A business wishes to launch a worldwide commercial application using Amazon Elastic Compute Cloud (Amazon EC2). The deployment solution should be constructed with the greatest degree of redundancy and fault tolerance possible.

According to this scenario, the following Amazon EC2 instances should be deployed:

- A. in a single Availability Zone in one AWS Region
- B. with multiple Elastic Network Interfaces belonging to different subnets
- C. across multiple Availability Zones in one AWS Region
- D. across multiple Availability Zones in two AWS Regions



319) Which tool is most suited for integrating the billing of previously distinct AWS accounts?

- A. Detailed billing report
- B. Consolidated billing
- C. AWS Cost and Usage report
- D. Cost allocation report

320) How can deploying an application across several Availability Zones benefit you?

- 
- A. There is a lower risk of service failure if a natural disaster causes a service disruption in a given AWS Region.
 - B. The application will have higher availability because it can withstand a service disruption in one Availability Zone.
 - C. There will be better coverage as Availability Zones are geographically distant and can serve a wider area.
 - D. There will be decreased application latency that will improve the user experience.

321) Which of the following enables AWS customers to control billing expense allocations?

- 
- A. Tagging resources
 - B. Limiting who can create resources
 - C. Adding a secondary payment method
 - D. Running all operations on a single AWS account

322) A business is developing an application that will be hosted in a single AWS Region and will serve end customers located around the globe. The firm wishes to give low-latency access to application data to end users.

Which of the following services will assist you in achieving your goal?

- •A. Amazon CloudFront
- B. AWS Direct Connect
- C. Amazon Route 53 global DNS
- D. Amazon Simple Storage Service (Amazon S3) transfer acceleration

323) The application of a business has a variable start and finish time.

Which pricing option for Amazon EC2 will be the MOST cost-effective?

- A. On-Demand Instances
- B. Spot Instances
- C. Reserved Instances
- D. Dedicated Hosts

Spot instances

324) A new application is being developed by a business that will save and retrieve millions of photographs and movies.

Which AWS service or feature offers the CHEAPEST underlying storage?

- A. Amazon EC2 instance store
- B. Amazon Elastic Block Store (Amazon EBS)
- C. Amazon S3
- D. Amazon Simple Queue Service (Amazon SQS)

325) A business intends to use the AWS Cloud to host a huge ecommerce application. The business must have an architecture that safeguards against network-based security threats such as DDoS assaults.

Which Amazon Web Offerings (AWS) services should the business employ to achieve this requirement? (Select two.)

- A. Amazon Inspector
- B. Amazon GuardDuty
- C. Amazon CloudFront
- D. AWS Shield
- E. AWS Identity and Access Management (IAM)

326) Which AWS service or functionality enables the user to control application traffic between regions?

- A. Amazon AppStream 2.0
- B. Amazon VPC
- C. Elastic Load Balancer
- D. Amazon Route 53



327) What expenses should be addressed when comparing the total cost of ownership (TCO) of an on-premises infrastructure to a cloud architecture? (Select two.)

- •A. The credit card processing fees for application transactions in the cloud.
- •B. The cost of purchasing and installing server hardware in the on-premises data.
- •C. The cost of administering the infrastructure, including operating system and software installations, patches, backups, and recovering from failures.
- D. The costs of third-party penetration testing.
- E. The advertising costs associated with an ongoing enterprise-wide campaign.

328) Which service is an AWS-managed Hadoop framework that enables processing massive volumes of data across dynamically expandable Amazon EC2 instances simple, quick, and cost-effective?

- •A. Amazon EMR
- B. Amazon EC2
- C. AWS Elastic Beanstalk
- D. Amazon Redshift

329) What is the greatest place for a user to get information and reports on AWS compliance?



- A. AWS Artifact
- B. AWS Marketplace
- C. Amazon Inspector
- D. AWS Support

330) A business wishes to be alerted when its AWS Cloud expenses or usage surpass certain limits.

Which Amazon Web Services (AWS) offering will meet these requirements?

- 
- A. AWS Budgets
 - B. Cost Explorer
 - C. AWS CloudTrail
 - D. Amazon Macie

331) A business needs to monitor changes to AWS resource configurations for compliance purposes.

Which Amazon Web Services functionality may be utilized to fulfill this requirement?

- A. AWS Cost and Usage Report
- B. AWS Organizations service control policies (SCPs)
- C. AWS Config rules
- D. VPC Flow Logs

332) A customer requests advise on potential cost reductions associated with the migration from on-premises to AWS.

Which tool is most appropriate in this situation?

- A. AWS Budgets
- B. Cost Explorer
- C. AWS Total Cost of Ownership (TCO) Calculator
- D. AWS Well-Architected Tool

333) Which AWS services or functionalities enable customers to establish a network connection between two virtual private clouds (VPCs)? (Select two.)

- A. VPC endpoints
- B. Amazon Route 53
- •C. VPC peering
- •D. AWS Direct Connect
- •E. AWS Transit Gateway

334) Which of the following is a recommended method for setting IAM user policies?

- A. Start with a large set of permissions and remove the permissions that are not required.
- B. Use only Amazon managed policies.
- C. Start with a minimum set of permissions and grant additional permissions as necessary.
- D. Attach policies directly to each user individually.

335) How can consolidated billing benefit a business with many AWS accounts?

- 
- A. It aggregates usage across accounts so that the company can reach volume discount thresholds sooner.
 - B. It offers an additional 5% discount on purchases of All Upfront Reserved Instances.
 - C. It provides a simplified billing invoice that the company can process more quickly than a standard invoice.
 - D. It gives AWS resellers the ability to bill their customers for usage.

336) AWS's pay-as-you-go pricing model:

- •A. reduces capital expenditures.
- B. requires payment up front for AWS services.
- C. is relevant only for Amazon EC2, Amazon S3, and Amazon RDS.
- D. reduces operational expenditures.

337) What AWS feature relates to a customer's flexibility to scale up and down applications to meet changeable demand?

- A. Elasticity
- B. Agility
- C. Security
- D. Scalability



338) Which AWS Cloud feature enables resource supply to be matched to changing workload demands?

- A. Security
- B. Reliability
- •C. Elasticity
- D. High availability

339) A business has chosen to shift its production workloads to the Amazon Web Services (AWS) Cloud.

Which activities may assist in lowering operating expenses associated with the migration? (Select two.)

- •A. Reduce overprovisioned instances.
- •B. Rehost all third-party licenses on AWS.
- •C. Implement a highly available architecture.
- •D. Use managed services.
- •E. Improve application security.

340) A business want to provide a single user complete access to an Amazon S3 bucket.

Which element in the S3 bucket policy contains information about the users who need access to the S3 bucket?

- •A. Principal
- B. Action
- C. Resource
- D. Statement

341) Which Amazon Web Services (AWS) solution enables clients to acquire unused Amazon EC2 capacity at often reduced prices?

- A. Reserved Instances
- B. On-Demand Instances
- C. Dedicated Instances
- D. Spot Instances



342) Which of the following procedures should a client perform while doing penetration testing on Amazon Web Services (AWS)?

- A. Conduct penetration testing using Amazon Inspector, and then notify AWS support.
- B. Request and wait for approval from the customer's internal security team, and then conduct testing.
- C. Notify AWS support, and then conduct testing immediately.
- D. Request and wait for approval from AWS support, and then conduct testing.

343) Which service would be responsible for network connection in a hybrid design that incorporates Amazon Web Services?

- 
- A. Amazon VPC
 - B. AWS Direct Connect
 - C. AWS Directory Service
 - D. Amazon API Gateway

344) What is the name given to the several, separate sites inside an AWS Region that are linked by low-latency networks?

- A. AWS Direct Connects
- B. Amazon VPCs
- C. Edge locations
- D. Availability Zones



345) Which of the following AWS services can be utilized to efficiently deliver big volumes of online video content? (Select two.)

- A. AWS Storage Gateway
- B. Amazon S3
- C. Amazon Elastic File System (EFS)
- D. Amazon Glacier
- E. Amazon CloudFront

346) Which Amazon EC2 price option is appropriate for applications that need intermittent, spiky, or unexpected workloads?

- A. Spot Instances
- B. Dedicated Hosts
- C. On-Demand Instances
- D. Reserved Instances

347) Which of the following is a duty of the client under the AWS shared responsibility model?

- A. Virtualization infrastructure
- B. Network infrastructure
- C. Application security
- D. Physical security of hardware

348) Which Amazon Web Services (AWS) service can be used to monitor illegal API calls?

- A. AWS Config
- B. AWS CloudTrail
- C. AWS Trusted Advisor
- D. Amazon Inspector

349) An ecommerce firm predicts a significant rise in online traffic in the run-up to two very popular shopping holidays.

Which AWS service or functionality enables dynamic resource adjustment in response to this change in demand?

- A. AWS CloudTrail
- •B. Amazon EC2 Auto Scaling
- C. Amazon Forecast
- D. AWS Config

350) Which strategy contributes to the cost optimization of consumers migrating to the AWS Cloud?

- A. Paying only for what is used
- B. Purchasing hardware before it is needed
- C. Manually provisioning cloud resources
- D. Purchasing for the maximum possible load

351) What enables a business to give a low-latency experience to its worldwide users?

- A. Using an AWS Region that is central to all users
- B. Using a second Availability Zone in the AWS Region that is being used
- C. Enabling caching in the AWS Region that is being used
- D. Using edge locations to put content closer to all users

352) A business has optimized its workload by using certain AWS services in order to increase efficiency and minimize costs.

Which cost management best practice does this case demonstrate?

- A. Resource controls
- B. Cost allocation
- C. Architecture optimization
- D. Tagging enforcement



353) Which feature of cloud computing can AWS exhibit via its capacity to provide reduced variable prices as a consequence of big purchase volumes?

- A. Pay-as-you-go pricing
- B. High availability
- C. Global reach
- •D. Economies of scale

354) Customer duties under the AWS shared responsibility model include which of the following?

- A. Securing the hardware, software, facilities, and networks that run all products and services.
- B. Providing certificates, reports, and other documentation directly to AWS customers under NDA.
- C. Configuring the operating system, network, and firewall.
- D. Obtaining industry certifications and independent third-party attestations.

355) A customer with an AWS Basic Support subscription has discovered that their AWS resources are being used for unauthorized purposes.

What is the preferred mechanism for the user to notify AWS of the activity?

- A. Contact the AWS Concierge Support team.
- B. Contact an AWS technical account manager.
- C. Contact the AWS Abuse team.
- D. Contact the AWS Support team.

356) Which AWS service should a business use to check the compliance of AWS resource settings on a continual basis?

- 
- A. AWS Organizations
 - B. AWS Config
 - C. AWS Artifact
 - D. AWS Service Catalog

357) Which AWS Cloud feature relieves customers of the requirement to estimate future infrastructure consumption?

- A. Easy and fast deployment of applications in multiple Regions around the world
- B. Security of the AWS Cloud
- C. Elasticity of the AWS Cloud
- D. Lower variable costs due to massive economies of scale



358) Which pattern is suggested for creating an AWS highly available architecture?

- 
- A. Ensure that components have low-latency network connectivity.
 - B. Run enough Amazon EC2 instances to operate at peak load.
 - C. Ensure that the application is designed to accommodate failure of any single component.
 - D. Use a monolithic application that handles all operations.

359) A business is contemplating migrating its on-premises data center to Amazon Web Services (AWS).

What aspects should a Total Cost of Ownership (TCO) study consider? (Select two.)

- A. Amazon EC2 instance availability
- B. Power consumption of the data center
- C. Labor costs to replace old servers
- D. Application developer time
- E. Database engine capacity

360) A business currently operates an on-premises Microsoft SQL Server instance and is transferring its application to AWS. Although the firm lacks the resources necessary to modify the program, management wants to cut operating costs as part of the move.

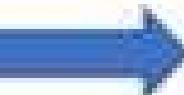
Which database service is most capable of meeting these requirements?

- A. Amazon DynamoDB
- B. Amazon Redshift
- C. Microsoft SQL Server on Amazon EC2
- D. Amazon RDS for SQL Server



361) What is an example of AWS Cloud agility?

- A. Access to multiple instance types
- B. Access to managed services
- C. Using Consolidated Billing to produce one bill
- D. Decreased acquisition time for new compute resources



362) What are the advantages of using loose coupling as a design paradigm for cloud architectures?

- A. It facilitates low-latency request handling.
- B. It allows applications to have dependent workflows.
- C. It prevents cascading failures between different components.
- D. It allows companies to focus on their physical data center operations.

363) A business operates a website that is hosted on AWS and is protected by an Application Load Balancer. The business wishes to protect its website against SQL injection and cross-site scripting.

Which Amazon Web Services (AWS) service should the business use?

- •A. Amazon GuardDuty
- B. AWS WAF
- C. AWS Trusted Advisor
- D. Amazon Inspector

364) A company's recently released application is rapidly gaining popularity. To enhance customer service, the firm want to establish a phone number that would enable it to handle the growing amount of calls received by its support employees.

Which Amazon Web Services (AWS) offering should be utilized to fulfill this requirement?

- •A. Amazon Connect
- B. Amazon CloudFront
- C. Amazon DirectConnect
- D. AWS Trusted Advisor

365) A business want to evaluate streaming user data and reply in real time to consumer inquiries.

Which AWS service satisfies these criteria?

- A. Amazon QuickSight
- B. Amazon Redshift
- C. Amazon Kinesis Data Analytics
- D. AWS Data Pipeline



366) Which of the following is an example of a frequent IT duty that AWS can do in order to free up firm IT resources? (Select two.)

- •A. Patching databases software
- •B. Testing application releases
- C. Backing up databases
- D. Creating database schema
- E. Running penetration tests

367) How should a web application be deployed in the AWS Cloud to guarantee high availability?

- 
- A. Deploy multiple instances of the application in multiple Availability Zones.
 - B. Deploy multiple instances of the application in a single Availability Zone.
 - C. Deploy the application to a compute-optimized Amazon EC2 instance in a single Availability Zone.
 - D. Deploy the application in one Amazon EC2 instance in an Auto Scaling group.

368) Which AWS service or feature enables a business to track, monitor, and control its AWS expenses and consumption over time?

- A. AWS Budgets
- B. AWS Cost Explorer
- C. AWS Organizations
- D. Consolidated billing

369) A huge corporation has recruited a developer who requires AWS credentials.

Which security best practices should be adhered to? (Select two.)

- •A. Grant the developer access to only the AWS resources needed to perform the job.
- B. Share the AWS account root user credentials with the developer.
- C. Add the developer to the administrator's group in AWS IAM.
- D. Configure a password policy that ensures the developer's password cannot be changed.
- •E. Ensure the account password policy requires a minimum length.

370) A business has a 500 TB image repository that has to be moved to Amazon Web Services (AWS) for processing.

Which AWS service is the most cost-effective way to import this data?

- A. AWS Snowball
- B. AWS Direct Connect
- C. AWS VPN
- D. Amazon S3



371) What is an AWS Cloud best practice in terms of design?

- A. Tight coupling of components
- B. Single point of failure
- •C. High availability
- D. Overprovisioning of resources

372) A workload hosted on AWS will continue to operate indefinitely by using a steady number of Amazon EC2 instances.

Which pricing strategy will decrease costs while assuring the availability of computational resources?

- A. Dedicated Hosts
- B. On-Demand Instances
- C. Spot Instances
- D. Reserved Instances



373) A business is developing an application that will need the capacity to transmit, save, and receive messages across its component components. Additionally, the corporation requires that communications be processed in first-in, first-out (FIFO) sequence.

Which Amazon Web Services (AWS) service should the business use?

- A. AWS Step Functions
- B. Amazon Simple Notification Service (Amazon SNS)
- C. Amazon Kinesis Data Streams
- D. Amazon Simple Queue Service (Amazon SQS)



374) A business requires 24/7 phone, email, and chat support, with a response time of less than one hour in the event of a service outage to a production system.

Which AWS Support plan best matches these needs for the least amount of money?

- A. Basic
- B. Developer
- C. Business
- D. Enterprise



375) A customer is considering migrating an application burden to the Amazon Web Services (AWS) Cloud.

Which control becomes AWS's responsibility after the migration?

- A. Patching the guest operating system
- B. Maintaining physical and environmental controls
- C. Protecting communications and maintaining zone security
- D. Patching specific applications

376) What is the function of a VPC's internet gateway?

- 
- 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

377) Which AWS IAM feature enables developers to use the AWS CLI to access AWS services?

- A. API keys
- B. Access keys
- C. User names/Passwords
- D. SSH keys

378) On AWS, a corporation is constructing a new archiving system capable of storing terabytes of data. The firm will NOT often retrieve the data.

Which Amazon S3 storage type will result in the LOWEST SYSTEM COST?

- A. S3 Standard-Infrequent Access (S3 Standard-IA)
- B. S3 Glacier
- C. S3 Intelligent-Tiering
- D. S3 One Zone-Infrequent Access (S3 One Zone-IA)

379) Which AWS Support package includes access to architectural and operational assessments, as well as 24/7 email, online chat, and phone support from Senior Cloud Support Engineers?

- A. Basic
- B. Business
- C. Developer
- D. Enterprise



380) Which of the following describes the root user of an AWS account?

- A. The root user is the only user that can be configured with multi-factor authentication (MFA).
- B. The root user is the only user that can access the AWS Management Console.
- C. The root user is the first sign-in identity that is available when an AWS account is created.
- D. The root user has a password that cannot be changed.

381) The AWS IAM recommended practice for providing the fewest possible privileges is as follows:

- A. apply an IAM policy to an IAM group and limit the size of the group.
- B. require multi-factor authentication (MFA) for all IAM users.
- C. require each IAM user who has different permissions to have multiple passwords.
- D. apply an IAM policy only to IAM users who require it.

382) To prevent fraudulent compute activity, a user need a simple method to detect whether any Amazon EC2 instances have unlimited access to their ports.

Which Amazon Web Services (AWS) offering will meet this requirement?

- A. VPC Flow Logs
- B. AWS WAF
- C. AWS CloudTrail
- D. AWS Trusted Advisor

383) Which AWS service is a content delivery network that safely and quickly distributes data, video, and apps to consumers worldwide?

- A. AWS CloudFormation
- B. AWS Direct Connect
- C. Amazon CloudFront
- D. Amazon Pinpoint

384) Which AWS feature is exemplified by on-demand technology services that allow businesses to substitute variable expenditures for upfront fixed expenses?

- A. High availability
- B. Economies of scale
- C. Pay-as-you-go pricing
- D. Global reach

385) A business is relocating and need an encrypted connection to AWS.

Which AWS service will assist you in fulfilling this requirement?

- 
- A. AWS VPN
 - B. Amazon Route 53
 - C. Amazon API Gateway
 - D. Amazon Connect

386) What technology permits compute capacity to alter in response to changing load conditions?

- A. Load balancing
- B. Automatic failover
- C. Round robin
- D. Auto Scaling



387) A major corporation has a workload that demands on-premises hardware. The organization want to continue using the same management and control plane services as it does on AWS.

Which Amazon Web Services (AWS) offering should the business employ to achieve these requirements?

- A. AWS Device Farm
- B. AWS Fargate
- C. AWS Outposts
- D. AWS Ground Station

388) A business operates an ecommerce application that is hosted in Europe. To reduce latency for international customers accessing the website, the firm would want to cache frequently viewed static information closer to the consumers.

Which Amazon Web Services (AWS) offering will meet these requirements?

- A. Amazon ElastiCache
- B. Amazon CloudFront
- C. Amazon Elastic File System (Amazon EFS)
- D. Amazon Elastic Block Store (Amazon EBS)

389) Which of the following is not a recommended approach for IAM user management? (Select two.)

- A. Require IAM users to change their passwords after a specified period of time
- B. Prevent IAM users from reusing previous passwords
- C. Recommend that the same password be used on AWS and other sites
- •D. Require IAM users to store their passwords in raw text
- •E. Disable multi-factor authentication (MFA) for IAM users

390) Which Amazon Web Services feature assists in identifying harmful or illegal activity in AWS accounts and workloads?

- A. Amazon Rekognition
- B. AWS Trusted Advisor
- C. Amazon GuardDuty
- D. Amazon CloudWatch

391) Which AWS service or functionality provides technical support to users who subscribe to the AWS Basic Support plan?

- A. AWS senior support engineers
- B. AWS technical account manager (TAM)
- C. AWS Trusted Advisor
- D. AWS Discussion Forums

392) Which AWS service enables you to get AWS security and compliance information on-demand?

- 
- A. AWS CloudTrail
 - B. AWS Artifact
 - C. AWS Health
 - D. Amazon CloudWatch

393) Which Amazon Web Services (AWS) service makes use of edge locations?

- 
- A. Amazon Aurora
 - B. AWS Global Accelerator
 - C. Amazon Connect
 - D. AWS Outposts

394) Which of the following AWS capabilities allows a user to deploy an Amazon Elastic Compute Cloud (Amazon EC2) instance that has already been configured?

- 
- A. Amazon Elastic Block Store (Amazon EBS)
 - B. Amazon Machine Image
 - C. Amazon EC2 Systems Manager
 - D. Amazon AppStream 2.0

395) A business wishes to send its traffic directly and confidentially to a virtual private cloud (VPC) rather than through the public internet.
Which mode of connection enables this capability?

- 
- A. AWS VPN
 - B. AWS Direct Connect
 - C. VPC NAT gateway
 - D. VPC internet gateway

396) What can be utilized to automate and manage AWS setups that are safe, well-architected, and multi-account?

- 
- A. AWS shared responsibility model
 - B. AWS Control Tower
 - C. AWS Security Hub
 - D. AWS Well-Architected Tool

397) Which AWS Support plan is the LEAST EXPENSIVE that provides for a one-hour goal response time for support cases?

- A. Enterprise
- B. Business
- C. Developer
- D. Basic



398) Which AWS hybrid storage offering allows users to effortlessly integrate on-premises applications with AWS Cloud storage?

- A. AWS Backup
- B. Amazon Connect
- C. AWS Direct Connect
- D. AWS Storage Gateway



399) A user needs to prepare a report that summarizes the status of AWS account's major security checks. The report must contain the following:

- ☞ Permissions on Amazon S3 buckets are now inactive.
- ☞ Whether or not multi-factor authentication is enabled for the root user of the AWS account.
- ☞ If any security groups are set to enable unlimited access, this will be shown.

Where can I get all of this information in one place?

- A. Amazon QuickSight dashboard
- B. AWS CloudTrail trails
- C. AWS Trusted Advisor report
- D. IAM credential report

400) A pharmaceutical company's infrastructure is managed in a single AWS Region. The organization want to link hundreds of VPCs across many AWS accounts.

Which AWS service or feature should the business use to streamline administration and save operating costs?

- A. VPC endpoint
- B. AWS Direct Connect
- C. AWS Transit Gateway
- D. VPC peering

401) One advantage of Amazon Elastic Compute Cloud (Amazon EC2) on-demand pricing is the following:

- A. the ability to bid for a lower hourly cost.
- B. paying a daily rate regardless of time used.
- •C. paying only for time used.
- D. pre-paying for instances and paying a lower hourly rate.

400) A pharmaceutical company's infrastructure is managed in a single AWS Region. The organization want to link hundreds of VPCs across many AWS accounts.

Which AWS service or feature should the business use to streamline administration and save operating costs?

- A. VPC endpoint
- B. AWS Direct Connect
- •C. AWS Transit Gateway
- D. VPC peering

Correct Answer: C

AWS Transit Gateway connects VPCs and on-premises networks through a central hub. This simplifies your network and puts an end to complex peering relationships. It acts as a cloud router – each new connection is only made once.

402) Which AWS service enables you to swiftly conduct one-time queries on Amazon S3 data?

- A. Amazon EMR
- B. Amazon DynamoDB
- C. Amazon Redshift
- •D. Amazon Athena

Amazon Athena is an interactive query service that makes it easy to analyze data in Amazon S3 using standard SQL. Athena is serverless, so there is no infrastructure to manage, and you pay only for the queries that you run.

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403) Which VPC component adds an additional layer of protection to the subnet?

- •A. Security groups
- B. Network ACLs
- C. NAT gateways
- D. Route tables

Correct Answer: A

A *security group* acts as a virtual firewall, controlling the traffic that is allowed to reach and leave the resources that it is associated with. For example, after you associate a security group with an EC2 instance, it controls the inbound and outbound traffic for the instance.

404) Which AWS Support package is the LEAST EXPENSIVE that includes a dedicated AWS technical account manager (TAM)?

- A. AWS Developer Support
- B. AWS Enterprise Support
- C. AWS Basic Support
- D. AWS Business Support

Correct Answer: B

so the right answer is option b aws enterprise support



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405) Which tool is suitable for monitoring Amazon Web Services service limits?

- A. AWS Total Cost of Ownership (TCO) Calculator
- B. AWS Trusted Advisor
- C. AWS Personal Health Dashboard
- D. AWS Cost and Usage report

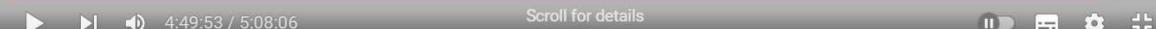
Correct Answer: B

Trusted Adviser analyse your AWS account and provides recommendation:

- 1) Cost Optimization
- 2) Performance
- 3) Security
- 4) Fault Tolerance

5) **aws account and provides recommendations cost optimization**

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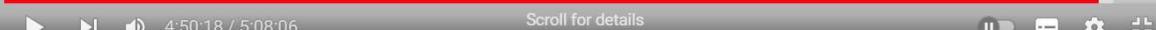


406) Which AWS service or functionality involves the implementation of an internet service provider (ISP) and a colocation facility?

- A. AWS VPN
- B. Amazon Connect
- C. AWS Direct Connect
- D. Internet gateway

Correct Answer: C

**aws direct connect and internet gateway
the right answer is option c aws direct**



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407) Which cloud architectural design concepts are advised for re-architecting a huge monolithic application? (Select two.)

- A. Use manual monitoring.
- B. Use fixed servers.
- ➡ •C. Implement loose coupling.
- D. Rely on individual components.
- ➡ •E. Design for scalability.

Correct Answer: CE

Rearchitecting applications involves sweeping change where an old monolithic application is completely revamped according to modern microservices architecture. Using individual components to re-architect a big application is one part of the process. The most important part is to design the application for scalability because the level of investment for a monolithic application can only be justified when resilience and so the right answers are c and e

implement loose coupling and



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408) The worldwide architecture of Amazon Web Services is comprised of Regions, Availability Zones, and what else?

- A. VPCs
- ➡ •B. Data centers
- C. Dark fiber network links
- D. Edge locations

Correct Answer: B

vpcs data centers dark fiber network
links and edge locations



Scroll for details



408) The worldwide architecture of Amazon Web Services is comprised of Regions, Availability Zones, and what else?

- A. VPCs
- ➡ •B. Data centers
- C. Dark fiber network links
- D. Edge locations

Correct Answer: B

vpcs data centers dark fiber network
links and edge locations

410) Which AWS Cloud feature will enable a multinational corporation to meet its demand for low latency to all of its customers?

- •A. Fault tolerance
•B. Global reach
•C. Pay-as-you-go pricing
•D. High availability

Correct Answer: B

**high availability
so the right answer**

▶ ▶ 🔍 4:52:18 / 5:08:06

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411) A business currently operates in one AWS Region and is extending operations to a second. In the second Region, the organization is utilizing the identical AWS CloudFormation template as in the original Region. When the organization seeks to deploy Amazon EC2 On-Demand Instances in the second Region, it encounters errors.

What might possibly be the source of these error messages?

- •A. A new EC2 key pair has not been created for the EC2 instances.
•B. The requested EC2 instance types are not available in the second Region.
•C. The company cannot operate in a second Region until it updates its AWS contract.
•D. The company has not configured AWS Budgets to monitor the budget for the EC2 instances.

Correct Answer: A

The key pair <key pair associated with your EC2 instance> does not exist. Launching EC2 instance failed.

**budget for the ec2 instances
so the right**

▶ ▶ 🔍 4:53:13 / 5:08:06

Scroll for details



412) Which principles are used while architecting apps for AWS Cloud reliability? (Select two.)

- → •A. Design for automated failure recovery
•B. Use multiple Availability Zones
•C. Manage changes via documented processes
•D. Test for moderate demand to ensure reliability
•E. Backup recovery to an on-premises environment

Correct Answer: AB

3. Reliability

The Reliability pillar encompasses the ability of a workload to perform its intended function correctly and consistently when it's expected to. This includes the ability to operate and test the workload through its total lifecycle. You can find prescriptive guidance on implementation in the [Reliability Pillar whitepaper](#).

Design Principles

**so the right answers are a and b design
for automated failure recovery**

* Scale horizontally to increase aggregate workload availability

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413) AWS is responsible for which of the following security-related elements of hosting an Amazon Elastic Compute Cloud (Amazon EC2) instance?

- A. Security of private keys
- •B. Hypervisor software updates
- C. Security updates to software running on the instance
- D. Policies controlling instance access

Correct Answer: B

controlling instance access
so the right

▶ ▶ 🔍 4:54:23 / 5:08:06

Scroll for details



414) Which of the following statements most accurately characterizes Elastic Load Balancing?

- •A. It translates a domain name into an IP address using DNS.
- B. It distributes incoming application traffic across one or more Amazon EC2 instances.
- C. It collects metrics on connected Amazon EC2 instances.
- D. It automatically adjusts the number of Amazon EC2 instances to support incoming traffic.

Correct Answer: B

Elastic Load Balancing (ELB) automatically distributes incoming application traffic across multiple targets and virtual appliances in one or more Availability Zones (AZs).

the right answer is option b it
distributes incoming application

▶ ▶ 🔍 4:55:03 / 5:08:06

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415) Which feature of the AWS Cloud enables customers to reduce idle CPU capacity?

- •A. Agility
- B. Elasticity
- C. Reliability
- D. Durability

Correct Answer: B

Cloud elasticity is the ability to gain or **reduce computing** resources such as **CPU/processing**, RAM, input/output bandwidth, and storage capacities on demand without causing system performance disruptions. This is often an automatic **input output bandwidth and storage** capacities on demand without

Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updat...  

416) A corporation is developing a mobile application to give its clients with shopping suggestions. The business intends to include a graph database into the shopping recommendation engine.

Which Amazon Web Services database service should the business use?

- A. Amazon DynamoDB
- B. Amazon Aurora
- C. Amazon Neptune
- D. Amazon DocumentDB (with MongoDB compatibility)


Correct Answer: C

Amazon Neptune is a fast, reliable, fully managed graph database service that makes it easy to build and run applications.

so the right answer is option c amazon neptune so amazon neptune

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Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updat... 🕒 ⏪

417) A business wishes to establish a dedicated link between its on-premises IT infrastructure and AWS Region resources. Additionally, the organization wishes to decrease network latency and congestion.

Which Amazon Web Services (AWS) service or functionality should the business select?

- A. AWS VPN
- B. AWS PrivateLink
- C. Amazon Connect
- D. AWS Direct Connect

Correct Answer: D

How it works

The AWS Direct Connect cloud service is the shortest path to your AWS resources. While in transit, your network traffic remains on the AWS global network and never touches the public internet. This reduces the chance of hitting bottlenecks or unexpected increases in latency. With the right answer is option d amazon direct connect provided by an AWS Direct Connect Delivery Partner, or choose your own provider from AWS—and deploy at over 100 AWS Direct Connect Locations around the globe. With AWS Direct Connect Sitelink, you can send data between AWS Direct Connect locations to create private network connections between the office and data centers in your global network.

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Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updat...  

418) Which AWS service allows clients to audit and monitor AWS resource changes?

- A. AWS Trusted Advisor
- B. Amazon GuardDuty
- C. Amazon Inspector
- D. AWS Config

 **Correct Answer: D**

AWS Config is a service that enables you to assess, audit, and evaluate the configurations of your AWS resources. Config continuously monitors and records your AWS resource configurations and allows you to automate the evaluation of recorded configurations against desired configurations. With Config, you can review changes in configurations and relationships between AWS resources, dive into detailed resource configuration histories, and determine your overall compliance against the configurations specified. **so the right answer is option d aws config** simplify compliance auditing, security analysis, change management, and operational troubleshooting.

Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updat...  

Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updat...  

420) Which AWS service or feature gives information about planned events that are now occurring or may occur in the near future and may impact an AWS account?

•A. AWS Config

•B. AWS Systems Manager

•C. AWS Personal Health Dashboard

•D. AWS Trusted Advisor

 **Correct Answer: C**

AWS Personal Health Dashboard provides alerts and guidance for AWS events that might affect your environment. While the [Service Health Dashboard](#) shows the general status of AWS services, the Personal Health Dashboard provides proactive and transparent notifications about your specific AWS environment.

All AWS customers can access the Personal Health Dashboard. The Personal Health Dashboard shows recent events to help you manage active events, and shows proactive notifications so that you can plan for scheduled activities. Use these alerts to get notified **the right answer is option c aws personal** about events and follow the guidance to diagnose and resolve issues.

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Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updat... 🕒 ➔

421) A business has many Amazon Web Services accounts and want to streamline and unify its billing process.

Which AWS service is capable of doing this?

- A. AWS Cost and Usage Reports
- B. AWS Organizations
- C. AWS Cost Explorer
- D. AWS Budgets

 **Correct Answer: B**

You can use the consolidated billing feature in AWS Organizations to consolidate billing and payment for multiple AWS accounts or multiple Amazon Internet Services Pvt. Ltd (AISPL) accounts. Every organization in AWS Organizations has a master (payer) account that pays the charges of all the member (linked) accounts.

right answer is option p aws organizations

422) What does it imply when a customer uses AWS to construct a hybrid cloud architecture?

- A. All resources run using on-premises infrastructure.
- B. Some resources run on-premises and some run in a colocation center.
- C. All resources run in the AWS Cloud.
- D. Some resources run on-premises and some run in the AWS Cloud.

Correct Answer: D

Hybrid cloud combines and unifies public cloud, private cloud and on-premises infrastructure to create a single, flexible, cost-optimal IT infrastructure.

the right answer is option d some resources run on premises and some



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423) A business wishes to anticipate its AWS Cloud expenses for the following year based on historical AWS Cloud spending patterns.

Which Amazon Web Services (AWS) offering should the business employ to achieve this requirement?

- A. AWS Control Tower
- B. Cost Explorer
- C. AWS OpsWorks
- D. AWS CloudFormation

Correct Answer: B

AWS Cost Explorer has an easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time.

the right answer is option b cost explorer aws



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424) Which AWS service or feature can help to improve network security by restricting requests for a web application hosted on AWS from a certain network? (Select two.)

- A. AWS WAF
- B. AWS Trusted Advisor
- C. AWS Direct Connect
- D. AWS Organizations
- E. Network ACLs

Correct Answer: AE

AWS WAF is a web application firewall that helps protect your web applications or APIs against common web exploits and bots that may affect availability, compromise security, or consume excessive resources.

A network access control list (ACL) is an optional layer of security for your VPC that acts as a firewall to control traffic between your subnets and external networks.

option e

425) Which components are necessary to configure an AWS site-to-site VPN connection successfully? (Select two.)

- A. Internet gateway
- B. NAT gateway
- •C. Customer gateway
- •D. Transit gateway
- E. Virtual private gateway

Correct Answer: CD

so the right answer is option c and d
customer gateway

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426) A business need security against increased distributed denial of service (DDoS) assaults on its website, as well as help from AWS professionals in the case of such an attack.

Which AWS managed service will satisfy these criteria?

- •A. AWS Shield Advanced
- B. AWS Firewall Manager
- C. AWS WAF
- D. Amazon GuardDuty

Correct Answer: A

AWS Shield is a managed Distributed Denial of Service (DDoS) protection service that safeguards applications running on AWS. AWS Shield provides always-on detection and automatic inline mitigations that minimize application downtime and latency, so there is no need to engage AWS Support to benefit from DDoS protection. There are two tiers of AWS Shield - Standard and Advanced.
so aws shield is a managed distributed denial of service

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427) A Cloud Practitioner requires a dedicated link between AWS resources and an on-premises system that is constant and devoted.

Which AWS service satisfies this criterion?

- •A. AWS Direct Connect
- B. AWS VPN
- C. Amazon Connect
- D. AWS Data Pipeline

Correct Answer: A

You can use AWS Direct Connect to establish a private virtual interface from your on-premise network directly to your Amazon VPC, providing you with a private, high bandwidth network connection between your network and your VPC. With multiple virtual interfaces, you can even establish private connectivity to multiple

VPCs while maintaining network isolation.

**private high bandwidth network
connection between**

Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updat...  

428) A business requires the migration of a significant amount of data from an on-premises data center to the AWS Cloud. The internet connection at the workplace is sluggish and unstable.

Which Amazon Web Services (AWS) service is capable of facilitating this data transfer?

- A. Amazon S3 Glacier
- •B. AWS Snowball
- C. AWS Storage Gateway
- D. Amazon Elastic File System (Amazon EFS)

Correct Answer: B

Snowball is a petabyte-scale data transport solution that uses secure appliances to transfer large amounts of data into and out of the AWS cloud. Using Snowball addresses common challenges with large-scale data transfers including high network costs, long transfer times, and security concerns.

data into and out of the aws cloud using snowball addresses common challenges

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Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updat...  

429) Which AWS service or functionality allows customers to encrypt data stored in Amazon S3 during the storage?

- A. IAM policies
- B. Server-side encryption
- C. Amazon GuardDuty
- •D. Client-side encryption

Correct Answer: D

Client-Side Encryption – Encrypt data client-side and upload the encrypted data to Amazon S3. In this case, you manage the encryption process, the encryption keys, and related tools.

encrypt data client side and upload the encrypted data to amazon s3 in this case

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Amazon AWS Certified Cloud Practitioner latest Real Exam Questions and Answers (CLF-C01)- Updat...  

430) AWS provides which of the following security-related services? (Select two.)

- •A. Multi-factor authentication physical tokens
- •B. AWS Trusted Advisor security checks
- C. Data encryption
- D. Automated penetration testing
- E. Amazon S3 copyrighted content detection

Correct Answer: BC

•Real-time insight through Trusted Advisor
•Helps protect data via encryption.

data encryption so real time insight