

## AWS CLOUD PRACTITIONER EXAM QUESTION

Date \_\_\_\_\_

- ① Which feature of the AWS cloud will support an international company's requirement for low latency to all of its customers?
- (A) Fault Tolerance
  - (B) **Global reach**
  - (C) Pay-as-you-go pricing
  - (D) High availability
- ② Which AWS services should be used for read/write of constantly changing data? (choose two)
- (A) Amazon Glacier
  - (B) **Amazon RDS**
  - (C) AWS snowball
  - (D) Amazon Redshift
  - (E) **Amazon EFS**
- ③ What is one of the advantages of Amazon relational database service (Amazon RDS)?
- (A) It simplifies relational database administration tasks.
  - (B) It provides 99.999999999% reliability and durability.
  - (C) It automatically scales databases for loads.
  - (D) It enables users to dynamically adjust CPU and RAM resources.
- ④ A customer needs to run a MySQL database that easily scales. Which AWS services should they use?
- (A) **Amazon Aurora**
  - (B) Amazon Redshift
  - (C) Amazon DynamoDB
  - (D) Amazon ElastiCache

Answers

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# Cloud Practitioner Exam Preparation

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Date

⑤ Which of the following is a shared control between the customer and AWS?

- Ⓐ Providing a key to Amazon S3 client-side encryption
- Ⓑ Configuration of an Amazon EC2 instance
- Ⓒ Environmental control of physical AWS data centers
- Ⓓ Awareness and training

Answer: ⓐ Awareness and training

⑥ How many Availability Zone should compute resources be provisioned across to achieve high availability?

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

⑦ One of the advantages to moving infrastructure from an on-premises data center to the AWS cloud is:

- Ⓐ It allows the business to eliminate IT bills
- Ⓑ It allows the business to put a server in each customer's data centers
- Ⓒ It allows the business to focus on business activities
- Ⓓ It allows the business to leave servers unpatched

⑧ What is the lowest-cost, durable storage option for retaining database backups for immediate retrieval?

- Ⓐ Amazon S3
- Ⓑ Amazon Glacier
- Ⓒ Amazon EBS
- Ⓓ Amazon EC2 Instance store

Answer: Ⓚ

Ⓐ Amazon S3

9 Which of the following is a fast and reliable, NOSQL database service?

- (A) Amazon Redshift
- (B) Amazon RDS
- (C) **Amazon DynamoDB**
- (D) Amazon S3

Answers

10 What is an example of agility in the AWS cloud?

- (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

11 Which service should a customer use to consolidate and centrally manage multiple AWS accounts?

- (A) AWS IAM
- (B) **AWS Organizations**
- (C) AWS Schema conversion tool
- (D) AWS Config

12 What approach to transcoding a large number of individual video files adheres to AWS architecture principles?

- (A) Using many instances in parallel
- (B) Using a single large instance during off-peak hours
- (C) Using dedicated hardware
- (D) Using a large GPU instance type

(13) For which auditing process does AWS have sole responsibility?

- (A) AWS IAM policies
- (B) Physical security
- (C) Amazon S3 bucket policies
- (D) AWS CloudTrail Logs

Answer

(B) physical security

(14) Which of the following is the customer's responsibility under the AWS Shared Responsibility model?

- (A) Patching underlying infrastructure
- (B) Physical security
- (C) Patching Amazon EC2 instances
- (D) Patching network infrastructure

(15) A customer is using multiple AWS accounts with separate billing. How can the customer take advantage of volume discount with minimal impact to the AWS resources?

- (A) Create one global AWS account and move all AWS resources to the account.
- (B) Signup for three years of Reserved instance pricing upfront.
- (C) Use the consolidated billing feature from AWS organization.
- (D) Sign up for the AWS Enterprise support plan to get volume discounts.

(16) Which of the following are features of Amazon CloudWatch Logs? (choose two)

- (A) Summarize by Amazon simple notification service (Amazon SNS)
- (B) Free Amazon Elasticsearch Service analytics

- (C) provided at no charge  
 (D) Real time monitoring  
 (E) Adjustable retention

Answers

- (D) Real time monitoring  
 (E) Adjustable retention

- (17) Which of the following is an AWS managed domain Name System (DNS) web service?

- (A) Amazon Route 53  
 (B) Amazon Neptune  
 (C) Amazon SageMaker  
 (D) Amazon Lightsail

AnswerAmazon Route 53

- (18) A customer is deploying a new application and needs to choose an AWS Region. Which of the following factors could influence the customer's decision? (choose two)

- (A) Reduced latency to user  
 (B) The application's presentation in the local language  
 (C) Data sovereignty compliance  
 (D) Cooling costs in hotter climates  
 (E) Proximity to the customer's office for on-site visits.

- (19) Which storage service can be used as a low-cost option for hosting static websites?

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

(20) Which Amazon EC2 instance pricing model can provide discounts of up to 90%?

- (A) Reserved Instance
- (B) On-Demand
- (C) Dedicated Hosts
- (D) **Spot Instances**

Answer

(21) Web servers running on Amazon EC2 access an legacy application running in a corporate data centers. What term would describe this model?

- (A) Cloud-native
- (B) Partner network
- (C) **Hybrid architecture**
- (D) Infrastructure as a Service

(22) What is the benefit of using AWS managed services, such as Amazon ElastiCache and Amazon Relational Database Service (Amazon RDS)?

- (A) They require the customer to monitor and replace failing instances.
- (B) **They have better performance than customer managed services.**
- (C) They simplify patching and updating underlying OSs.
- (D) They do not require the customer to optimize instance type or size selections.

(23) Which service provides a virtually unlimited amount of online highly durable object storage?

- (A) Amazon Redshift
- (B) Amazon Elastic File System (Amazon EFS)

- (C) Amazon Elastic Container Service (Amazon ECS) (a)  
 (D) **Amazon S3** Answers

- (D) Amazon S3 (a)

- (24) Which of the following Identity and Access Management (IAM) entities is associated with an access key ID and secret access key when using the AWS Command Line Interface (AWS CLI)? (a)

- (A) IAM group Answers  
 (B) **IAM user** (b)  
 (C) IAM role (a)  
 (D) IAM policy (a)

- (25) Which of the following security-related services does AWS offer? (choose two) (a)

- (A) Multi-factor authentication physical tokens (a)  
 (B) **AWS Trusted Advisor** security checks (a)  
 (C) **Data encryption** (a)  
 (D) Automated penetration testing (a)  
 (E) Amazon S3 copyrighted content deletion (a)

- (26) Which AWS managed service is used to host databases? (a)

- (A) AWS Batch Answers  
 (B) AWS Artifact (a)  
 (C) AWS Data Pipeline (a)  
 (D) **Amazon RDS** (a)

(27) Which AWS service provides a simple and scalable shared file storage solution for use with Linux based AWS and on-premises servers?

- (A) Amazon S3 *Answer* (B) Amazon EBS (C) Amazon Glacier (D) Amazon EFS

(28) When architecting cloud applications, which of the following are a key design principle?

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

(29) Which AWS service should be used for long term, low cost storage of data backups?

- (A) Amazon RDS *Answer* (B) Amazon Glacier (C) AWS Snowball (D) AWS EBS

(30) Under the shared responsibility model, which of the following is a shared control between a customer and AWS?

- (A) Physical control *Answer* (B) Patch management (C) Zone security (D) Data center auditing

(31) Which AWS service allows companies to connect an Amazon VPC to an on-premises data center?

- (A) AWS VPN Answer: (A)
- (B) Amazon Redshift
- (C) API Gateway
- (D) **Amazon Direct Connect** Answer: (D)

(32) A company wants to reduce the physical compute footprint that developers used to run code. Which service could meet that need by enabling serverless architectures?

- (A) Amazon Elastic Compute Cloud (Amazon EC2)
- (B) **AWS Lambda** Answer: (B)
- (C) Amazon Dynamo DB
- (D) AWS Code Commit

(33) Which task is AWS responsible for in the shared responsibility model for security and compliance?

- (A) Granting access to individual accounts
- (B) Encrypting data in transit
- (C) **Updating Amazon EC2 host firmware** Answer: (C)
- (D) Updating operating system packages on AWS

(34) Where should a company go to search software listings from independent software vendors to find, test, buy and deploy software that runs on AWS?

- (A) **AWS Marketplace**
- (B) Amazon Lumberyard
- (C) AWS Artifact
- (D) Amazon CloudSearch

(35) Which of the following is a benefit of using the AWS cloud?

- (A) permissive security removes the administrative burden.
- (B) Ability to focus on revenue-generating activities.
- (C) control over cloud network hardware
- (D) choices of specific cloud hardware vendors.

(36) When performing a cost analysis that supports physical isolation of a customer's workload, which compute hosting model should be accounted for in the total cost of ownership (TCO)?

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

(37) Which AWS service provides the ability to manage infrastructure as code?

- (A) AWS CodePipeline
- (B) AWS CodeDeploy
- (C) AWS Direct Connect
- (D) AWS CloudFormation

(38) If a customer needs to audit the change management of AWS resources, which of the following AWS services should the customer use?

- ✓ A AWS config
- B AWS Trusted Advisor
- C Amazon CloudWatch
- D Amazon Inspector
- (38) Which service allows a company with multiple AWS accounts to combine its usage to obtain volume discounts?
- A AWS Service Migration Service
- ✓ B AWS Organization
- C AWS Budgets
- D AWS Trusted Advisor
- (39) Which of the following services could be used to deploy an application to servers running on-premises? (choose two)
- A AWS Elastic Beanstalk
- ✓ B AWS OpsWorks
- ✓ C AWS CodeDeploy
- D AWS Batch
- E AWS X-ray
- (40) Which Amazon EC2 pricing model adjust based on supply and demand of EC2 instances?
- A On-Demand Instances
- B Reserved Instances
- ✓ C Spot Instances
- D Convertible Reserved Instances
- E Spot Instances

④② Which design principles for cloud architecture are recommended when re-architecting a large monolithic application? (choose two)

- (A) Use manual monitoring
- (B) Use fixed servers
- (C) Implement loose coupling
- (D) Rely on individual components
- (E) Design for Scalability

④③ Which is the minimum AWS support plan that allows for one hour target response time for support cases?

- (A) Enterprise
- (B) Business
- (C) Developer
- (D) Basic

④④ Where can AWS compliance and certification reports be downloaded?

- (A) AWS Artifact
- (B) AWS Concierge
- (C) AWS Certificate Manager
- (D) AWS Trusted Advisor

④⑤ Which of the following is an advantage of consolidated billing on AWS?

- (A) Volume pricing qualification
- (B) Shared access permissions
- (C) Multiple bills per account
- (D) Eliminates the need for tagging

46 Which of the following AWS features enables a user to launch a pre-configured Amazon Elastic Compute Cloud (Amazon EC2) instance?

- (A) Amazon Elastic Block Store (Amazon EBS)
- (B) Amazon Machine Image
- (C) Amazon EC2 Systems Manager
- (D) Amazon AppStream 2.0

47 How would an AWS customer easily apply common access controls to a large set of users?

- (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.

48 What technology enables compute capacity to adjust as load changes?

- (A) Load Balancing
- (B) Automatic failover
- (C) Round robin
- (D) Auto scaling

49 Which AWS services are defined as global instead of regional? (Choose two)

- (A) Amazon Route 53
- (B) Amazon EC2
- (C) Amazon S3
- (D) Amazon CloudFront
- (E) Amazon DynamoDB

50) Which AWS service could you use to obtain compliance reports and certificates? (Choose two)

- A AWS Artifact
- B AWS Lambda
- C Amazon Inspector
- D AWS Certificate Manager

51) Under the shared responsibility model, which of the following tasks are the responsibility of the AWS customer? (Choose 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.

52) Which AWS services can be used manually to launch instances based on resource requirements?

- A Amazon EBS
- B Amazon S3
- C Amazon EC2
- D Amazon Ecs

53) A company is migrating an application that is running non-interruptible workloads for a three year time frame.

Which pricing construct could provide the most cost effective solution?

- ④ Amazon EC2 Spot Instances ⑤ Amazon EC2 On-Demand Instances  
 ⑥ Amazon EC2 Dedicated Instances ⑦ Amazon EC2 Reserved Instances

54) The financial benefits to be using AWS instances: (choose two)

- ✓ ① reduced Total Cost of Ownership (TCO)  
 ② increased capital expenditures (CapEx)  
 ✓ ③ reduce operational expenditure (OpEx)  
 ④ centralized payment plans for startups.  
 ⑤ business credit lines for startups.

55) Which AWS cost management tool allows you to view the most granular data about your AWS bill?

- ① AWS Cost Explorer  
 ② AWS Budgets  
 ✓ ③ AWS Cost and Usage Report  
 ④ AWS Billing Dashboard

56) Which of the following can an AWS customer use to launch a new Amazon Relational Database Service (Amazon RDS) cluster? (choose two)

- ① Amazon Concierge ④ Amazon EC2 Auto Scaling  
 ✓ ② AWS CloudFormation ⑤ AWS Management Console  
 ③ Amazon Simple Storage Service (S3)

57) Which of the following is an AWS cloud architecture design principle?

- ① Implement single point of failure  
 ✓ ② Implement loose coupling  
 ③ Implement monolithic design  
 ④ Implement vertical scaling

Q58 Which of the following security measures protect access to an AWS account? (choose two)

- (A) Enable AWS CloudTrail and CloudWatch Metrics.
- (B) Grant least privilege access to IAM users.
- (C) Create one IAM user and share with many developers & users.
- (D) Enable Amazon CloudFront.
- (E) Activate multi-factor authentication (MFA) for privileged users.

Q59 Which service provides a hybrid storage service that enables on-premises applications to seamlessly use cloud storage?

- (A) Amazon Glacier
- (B) AWS Snowball
- (C) AWS Storage Gateway
- (D) Amazon Elastic Block Storage (Amazon EBS)

Q60 Which of the following services falls under the responsibility of the customer to maintain operating system configuration, security patching, and networking?

- (A) Amazon RDS
- (B)  Amazon Elasticache
- (C) Amazon EC2
- (D) AWS Fargate

Q61 Which of the following is an important architectural design principle when designing cloud application?

- (A) Use multiple Availability zones.
- (B) Use tightly coupled components.
- (C) Use open source software.
- (D) Provision extra capacity.

(62) Which AWS Support plan includes a dedicated Technical account manager?

- (A) Developer
- (B) Enterprise
- (C) Business
- (D) Basic

(63) Amazon Relational Database Service (Amazon RDS) offers which of the following benefits over traditional 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.

(64) Which service is best for storing common database query results, which helps to alleviate database access load?

- (A) Amazon Machine Learning
- (B) Amazon SQS
- (C) Amazon ElastiCache
- (D) Amazon EC2 Instance Store

(65) Which of the following is a component of the Shared responsibility model managed entirely by AWS?

- (A) Patching operating system software
- (B) Encrypting data at rest and in transit
- (C) Enforcing multi-factor authentication
- (D) Auditing physical data center assets

66. If each department within a company has its own AWS account, what is one way to enable consolidated billing?

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

67. Which AWS services can be used to gather information about AWS account activity?

- (A) Amazon CloudFront
- (B) AWS CloudTrail
- (C) AWS CloudWatch Metrics
- (D) AWS CloudHSM
- (E) Amazon CloudWatch

68. In which scenario should Amazon EC2 Spot Instances be used?

- (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 99.99% 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.

69. Which AWS feature should a customer leverage to achieve high availability of an application?

- (A) AWS Direct Connect
- (B) Availability zones
- (C) Data Centers
- (D) Amazon Virtual Private Cloud (VPC)

70. Which is the minimum AWS support plan that includes infrastructure Event Management without additional costs?

- (A) Enterprise
- (B) Business
- (C) Developer
- (D) Basic

71. Which AWS service can serve a static website?

- (A) Amazon S3
- (B) Amazon Route53
- (C) Amazon Quicksight
- (D) AWS X-Ray

72. How does AWS shorten the time to provision IT resources?

- (A) It supplies an online IT ticketing platform for resources required.
- (B) It supports automatic code validation services.
- (C) It provides the ability to programmatically provision existing resources.
- (D) It automates the resource request process from a company's IT vendor list.

73. What can AWS edge locations be used for? (Choose 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 user.

74. Which of the following can limit Amazon Simple Storage Service (Amazon S3) bucket access to specific users?

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

75. A solution that is able to support growth in users, traffic, or data size with no drop in performance aligns with which cloud architecture principle?

- (A) Think parallel
- (B) Implement elasticity
- (C) Decouple your component
- (D) Design for failure

76. A company will be moving from an on-premises data center to the AWS Cloud.

What would be one financial difference after the move?

- (A) moving from variable operational expense (OpEx) to upfront capital expense (CapEx)
- (B) moving from upfront capital expense (CapEx) to variable capital expense (CapEx)
- (C) moving from upfront expense (CapEx) to variable operational expense (OpEx)
- (D) Elimination of upfront capital expense (CapEx) and elimination of variable operational expense (OpEx)

77. How should a customer forecast the future costs for running a new web application?

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

78. Which is the MINIMUM AWS support plan that provides technical support through phone call?

- (A) Enterprise
- (B) Business
- (C) Developer
- (D) Basic

79. Which of the following tasks is the responsibility of AWS?

- (A) Encrypting client-side data
- (B) Configuring AWS Identity and Access Management (IAM) roles
- (C) Securing the Amazon EC2 hypervisor
- (D) Setting user password policies

80. One benefit of On-Demand Amazon Elastic Compute Cloud (Amazon EC2) pricing is:

- (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

81. An administrator needs to rapidly deploy a popular IT solution and start using it immediately. Where can the administrator find assistance?

- (A) AWS Well-Architected framework documentation
- (B) Amazon CloudFront
- (C) AWS CodeCommit
- (D) AWS Quick Start references and deployments

82. Which of the following services is in the category of AWS serverless platform?

- (A) Amazon EMR
- (C) AWS Lambda
- (B) Elastic Load Balancing
- (D) AWS Mobile Hub

83. Which services are parts of the AWS serverless platform?

- (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

84. According to the AWS shared responsibility model, what is the sole responsibility of AWS?

- (A) Application security
- (B) Edge Location Management
- (C) Patch management
- (D) Client-side data

85. Which AWS IAM feature is used to associate a set of permissions with multiple users?

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

86. Which of the following are benefits of the AWS cloud? (choose two)

- (A) Unlimiated uptime
- (B) Elasticity
- (C) Agility
- (D) Colocation
- (E) Capital expenses

87. Which of the following can a customer use to enable single sign on (SSO) to the AWS console? (choose two)

- (A) Amazon Connect
- (B) AWS Directory Service
- (C) Amazon Pinpoint
- (D) Amazon Rekognition

88. What are the multiple, isolated locations within an AWS Region that are connected by a low-latency network called?

- (A) AWS Direct Connect
- (B) Amazon VPCs
- (C) Edge Location
- (D) Availability Zones

89. Which of the following benefits does the AWS Compliance program provide to AWS customers? (choose two)

- (A) It verifies that hosted workloads are automatically compliant with the controls of supported compliance frameworks.
- (B) AWS is responsible for maintenance of common compliance framework documentation.
- (C) It assures customers that AWS is maintaining physical security and data protection.
- (D) It ensures the use of compliance frameworks that are being used by other cloud providers.
- (E) It will adopt a new compliance frameworks as they become relevant to customer workload.

90. Which of the following service provides on-demand access to AWS compliance reports?

- (A) AWS IAM
- (B) AWS Artifact
- (C) Amazon GuardDuty
- (D) AWS KMS

91. When comparing AWS cloud with on-premises Total cost of ownership, which expenses must be considered? (choose two).

- A. Software Development
- B. Project Management
- C. Storage Hardware
- D. Physical Servers
- E. Antivirus software license

92. Under the shared responsibility model, which of the following tasks are the responsibility of the customer? (choose 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.

93. Which scenarios represent the concept of elasticity on AWS? (choose two)

- A. Scaling the no. 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 document to accelerate the compliance process.
- E. Having the ability to create and govern environment using CloudFormation.

94. When is it beneficial for a company to use a spot instances?

- A. Where there is flexibility in when an application needs to run.
- B. When there are mission-critical workloads.

95. When dedicated capacity is needed.
- When an instance should not be stopped.

96. How does AWS charge for AWS Lambda?
- A. Users bid on maximum price they are willing to pay per hour.
  - B. User choose 1, 3 or 5 year upfront payment term.
  - C. Users pay for the required permanent storage on a file system or in a database.
  - D. Users pay based on the number of requests and consume compute resources.

96. What function do security groups serve related to Amazon Elastic Compute Cloud (Amazon EC2) instances security?

- A. Act as firewall for the Amazon EC2 instance.
- B. Secure AWS user accounts with AWS Identity and Access Management (IAM) policies.
- C. provide DDoS protection with AWS Shield.
- D. Use Amazon CloudFront to protect the Amazon EC2 instance.

97. Which disaster recovery scenario offers the lowest probability of downtime?

- A. Backup and Restore
- B. Pilot light
- C. Warm Standby
- D. Multi-site active-active

98. What will help a company perform a cost benefit analysis of migrating to the AWS cloud?

- A. cost Explorer
- B. AWS Total cost of ownership (TCO) calculator
- C. AWS Simple monthly calculator
- D. AWS Trusted Advisor

99. Which of the following provides the ability to share the cost benefits of Reserved Instances across AWS accounts?

- A. AWS Cost Explorer between AWS accounts.
- B. Linked accounts and consolidated billing.
- C. Amazon Elastic Compute Cloud (Amazon EC2) Reserved Instances Utilization Report.
- D. Amazon EC2 Instances usage Report between AWS acc.

100. A company has multiple AWS accounts and wants to simplify and consolidate its billing process. Which AWS service will achieve this?

- A. AWS cost and usage reports.
- B. AWS organization.
- C. AWS Cost Explorer.
- D. AWS Budget.

101. A company is designing an application hosted in a single AWS Region, serving end users spread across the world. The company wants to provide the end users low latency access to the application data. Which of the following services will help fulfill this requirement?

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

102. Which of the following deployment models enables customers to fully trade their capital IT expenses for operation expenses?

- A. On-premises
- B. Hybrid
- C. Cloud
- D. Platform as a service

103. How is asset management on AWS easier than asset management in a physical data center?

- A. AWS provides a configuration management database that users can maintain
- B. AWS performs infrastructure discovery: scans on the ~~report~~ customer's behalf.
- C. Amazon EC2 automatically generates an asset report and places it in the customer's specified Amazon S3 bucket.
- D. Users can gather asset metadata reliability with a few API calls.

104. What feature of Amazon RDS helps to create globally redundant database?

- A. Snapshots
- B. Automatic patching and updating
- C. Cross-Region read replicas
- D. provisioned IOPS

105. Using AWS Identity and Access Management (IAM) to grant access only to the resources needed to perform a task is a concept known as

- A. restricted access
- C. least privilege access
- B. as-needed access
- D. token access

106. Which method can be used to identify AWS cost by department? (choose 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 bill using purchase orders.

107. Under the AWS shared responsibility model, customer responsibilities include which one of the following?

- A. Securing the hardware, software, facilities, and network 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 firewalls.
- D. Obtaining industry certification and independent third party attestation.

108. Which managed AWS service provides real time guidance on AWS security best practices?

- A. AWS X-Ray
- B. AWS Trusted Advisor
- C. Amazon Cloud Watch
- D. AWS System Manager

109. Which feature adds elasticity to Amazon EC2 instances to handle the changing demand for workloads?

A. Resource groups

B. Lifecycle Policies

C. Application Load Balancers

**✓ D. Amazon EC2 Auto Scaling**

110. Under the AWS shared responsibility model, customers are responsible for which aspects of security in the cloud? (choose two).

A. Virtualization Management

B. Hardware Management

**✓ C. Encryption Management**

D. Facilities Management

**✓ E. Firewall Management**

111. Which AWS hybrid storage service enables on-premises applications to seamlessly use AWS Cloud Storage through standard file-storage protocols?

A. AWS Direct Connect

B. AWS Snowball

**✓ C. AWS Storage Gateway**

D. AWS Snowball Edge

112. What is the responsibility of AWS in the shared responsibility model?

A. Updating the network ACL to block traffic to vulnerable ports.

B. Patching operating system running on Amazon EC2 instances

- C. Updating the firmware on the underlying EC2 host.
- D. Updating the security group rules to block traffic to the vulnerable ports.

113. Which architectural principle is used when deploying an Amazon Relational Database service (Amazon RDS) instance in multiple Availability zone mode?

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

114. What does it mean to grant least privilege to AWS IAM users?

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

115. What is the benefit of loose coupling as a principle of cloud architectural design?

- A. It facilitates low latency request handling.
- B. It allows applications to have a dependent workflow.
- C. It prevents cascading failure between different components.
- D. It allows companies to focus on their physical data center operations.

116. A director has been tasked with investigating hybrid cloud architecture. The company currently accesses AWS over the public internet. Which service will facilitate private cloud connectivity?

- A. Amazon Virtual private cloud (Amazon VPC) NAT Gateway.
- B. AWS Direct Connect
- C. Amazon Simple storage Service (Amazon S3) Transfer Acceleration
- D. AWS Web Application Firewall (AWS WAF)

117. Which mechanism allows developers to access AWS services from application code?

- A. AWS Software Development Kit

- B. AWS Management console
- C. AWS CodePipeline
- D. AWS Config

118. Which Amazon EC2 pricing model is the most cost efficient for an uninterrupted workload that runs once a year for 24 hours?

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

119. Which of the following services is a MySQL-compatible database that automatically grows storage as needed?

- A. Amazon Elastic compute cloud (Amazon EC2)
- B. Amazon Relational Database Service (Amazon RDS) for MySQL
- C. Amazon Lightsail
- D. Amazon Aurora

120. Which Amazon virtual private cloud (Amazon VPC) feature, all enables users to connect two VPCs together?

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

121. Which service's primary purpose is software version control?

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

122. A company is considering migrating its applications to AWS. The company wants to compare the cost of running the workload on-premises to running the equivalent workload on the AWS platform.

Which tool can be used to perform this comparison?

- A. AWS Simple Monthly Calculator
- B. AWS Total Cost of Ownership (TCO) calculator
- C. AWS Billing and Cost Management console
- D. Cost Explorer

123. Which AWS service provide a secure, fast, and cost-effective way to migrate or transport exabyte-scale datasets into AWS?

- A. AWS Batch
- B. AWS Snowball
- C. AWS Migration Hub
- D. AWS Snowmobile

124. Which of the following BEST describes the AWS pricing model? (choose two)

- A. Fixed term
- B. Pay-as-you-go
- C. Colocation
- D. Planned
- E. Variable cost

125. Why should a company choose AWS instead of a traditional data center?

- A. AWS provides users with full control over the underlying resources.
- B. AWS does NOT require long term contracts and provides a Pay-as-you-go model.
- C. AWS offers edge locations in every country, supporting global reach.
- D. AWS has no limits on the number of resources that can be created.

126. Which solution provides the FASTEST application response time to frequently addressed data to users in multiple AWS regions?

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

127. Which AWS service provides a self-service portal for on-demand access to AWS compliance reports?

- A. AWS Config
- B. AWS Certificate Manager
- C. Amazon Inspector
- D. AWS Artifact

128. Which of the following AWS services can be used to run a self-managed database?
- A. Amazon Route53
  - B. AWS X-Ray
  - C. AWS Snowmobile
  - D. Amazon Elastic Compute Cloud (Amazon EC2)
129. What exclusive benefit is provided to users with Enterprise Support?
- A. Access to Technical Project manager
  - B. Access to Technical Account manager
  - C. Access to Cloud Support Engineers
  - D. Access to Solution Architects
130. How can a user protect against AWS service disruptions if a natural disaster affects an entire geographic area?
- A. Deploy application across multiple Availability zones within an AWS region.
  - B. Use a hybrid cloud computing deployment model within the geographic area.
  - C. Deploy application across multiple AWS regions.
  - D. Store application artifacts using AWS Artifact and replicate them across multiple AWS regions.
131. How does AWS most effectively reduce computing costs for a growing start-up company?
- 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.

132. A startup is working on a new application that needs to go to market quickly. The application requirements may need to be adjusted in the near future.

Which of the following is a characteristic of the AWS cloud that could meet this specific need?

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

133. Which AWS support plan provides a few set of AWS Trusted Advisor checks?

- A. Business and Developer support
- B. Business and Basic Support
- C. Enterprise and Developers Support
- D. Enterprise and Business Support

134. Which of the following services have Distributed Denial of Service (DDoS) mitigation features? (choose two)

- A. AWS WAF
- B. Amazon DynamoDB
- C. Amazon EC2
- D. Amazon CloudFront
- E. Amazon Inspector

135. When building a cloud Total cost of ownership (TCO) model, which cost elements should be considered for work loads running on AWS? (choose three)

- A. Compute cost
- B. Facilities cost
- C. Storage cost
- D. Data transfer cost
- E. Network Infrastructure cost
- F. Hardware lifecycle cost

136. b. What time-savings advantage is offered with the use of Amazon Rekognition?

- 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.

137. When comparing AWS with on-premises total cost of ownership (TCO), what cost are included?

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

138. According to the AWS shared responsibility model, what is AWS responsible for?

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

139. Which AWS tool will identify security groups that grant unrestricted Internet access to a limited list of IP addresses?

- A. AWS Organization
- B. AWS Trusted Advisor
- C. AWS Usage Report
- D. Amazon EC2 dashboard

140. Which AWS service can be used to generate alerts based on an estimated monthly bill?
- A. AWS Config
  - B. Amazon CloudWatch
  - C. AWS X-Ray
  - D. AWS CloudTrail
141. Which Amazon EC2 pricing model offers the most significant discount when compared to On-demand Instances?
- A. Partial Upfront Reserved Instances for a 1-year term.
  - B. All Upfront Reserved Instances for a 1-year term.
  - C. All Upfront Reserved Instances for a 3-year term.
  - D. No Upfront Reserved Instances for a 3-year term.
142. Which of the following is the responsibility of AWS?
- A. Setting up AWS Identity and Access Management (IAM)
  - B. Physically destroying storage media at end of life.
  - C. Patching guest operating systems
  - D. Configuring security settings on Amazon EC2 instances.
143. Which of the following is an advantage of using AWS?
- A. AWS audits user data as part of service quality
  - B. Data is automatically secure
  - C. There is no guessing on capacity needs
  - D. AWS manages compliance needs
144. Which AWS service would a customer use with a static website to achieve lower latency and high transfer speed?
- A. AWS Lambda
  - B. Amazon DynamoDB Accelerator
  - C. Amazon Route 53
  - D. Amazon CloudFront

145. Which service manages and automates application deployments on AWS? (choose two)

- A. AWS Elastic Beanstalk
- B. AWS CloudFormation
- C. AWS CodeCommit
- D. AWS Data Pipeline
- E. AWS Config

146. A user wants guidance on possible savings when migrating from on-premises to AWS.

Which tool is suitable for this scenario?

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

147. Which principle are used to architect applications for reliability on the AWS cloud? (choose two).

- A. Design for automated failure recovery
- B. Use multiple Availability zones
- C. Manage changes via documented process
- D. Test for moderate demand to ensure reliability
- E. Backup recovery to an on-premises environment

148. What tasks should a customer perform when that customer suspects an AWS account has been compromised? (choose two)

- A. Rotate Passwords and access keys.
- B. Remove MFA tokens.
- C. Move resources to a different AWS region.
- D. Delete AWS CloudTrail resources.
- E. Contact AWS Support.

149. What is an example of high availability in the AWS cloud?

- 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

150. Which AWS security service protects applications from distributed denial of service attacks with always-on detection and automatic inline mitigation?

- A. Amazon Inspector
- B. AWS Web Application Firewall (AWS WAF)
- C. Elastic Load Balancing (ELB)
- D. AWS Shield

151. A company wants to monitor the CPU usage of its Amazon EC2 resources. Which AWS service should the company use?

- A. AWS CloudTrail
- B. Amazon CloudWatch
- C. AWS Cost and Usage Report
- D. Amazon Simple Notification Service (Amazon SNS)

152. What is AWS Identity and Access Management (IAM) role?

- A. A user associated with an AWS resource.
- B. A group associated with an AWS resource.
- C. An entity that defines a set of permissions for use with an AWS resource.
- D. An authentication credential associated with a multi-factor authentication (MFA) token.

153. What are the advantages of Reserved Instances? (Choose Two)

- A. They provide a discount over on demand pricing.
- B. They provide access to additional instance types.
- C. They provide additional networking capability.
- D. Customers can upgrade instances as a new type becomes available.
- E. Customers can reserve capacity in an Availability zone.

154. How do Amazon EC2 Auto Scaling groups help to achieve

- A. High availability for a web 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.

155. How can one AWS account use Reserved Instances from another AWS account?

- A. By using Amazon EC2 Dedicated Instances
- B. By using AWS Organization Consolidated Billing
- C. By using the AWS Cost Explorer tool
- D. By using AWS Budgets

156. A customer runs an On-Demand Amazon Linux EC2 instance for 3 hours, 5 minutes, and 6 seconds. For how much time will the customer be billed?

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

157. Which of the following AWS service provides compute resources? (choose two.)

- A. AWS Lambda
- B. Amazon Elastic container Service (Amazon ECS)
- C. AWS Code Deploy
- D. Amazon Glacier
- E. AWS organization

158. Which AWS service enables users to deploy infrastructure as a code by automating the process of provisioning the resources?

- A. Amazon GameLib
- B. AWS CloudFormation
- C. AWS Data Pipeline
- D. AWS Glue

159. Which of the following is a cloud architectural design principle?

- A. Scale up, not out.
- B. Loosely couple components.
- C. Build monolithic system
- D. Use commercial database

160. Under the shared responsibility model, which of the following areas are the customer responsibility? (choose two.)

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

170. Which service enables customers to audit and monitor changes in AWS resources?

- A. AWS Trusted Advisor
- B. Amazon GuardDuty
- C. Amazon Inspector
- D. AWS config

171. Which AWS service identifies security groups that allows unrestricted access to a user's AWS resources?

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

172. Which service (AWS) is content delivery network that securely delivers data, video, and applications to users globally with low latency and high speeds?

- A. AWS CloudFormation
- B. AWS Direct Connect
- C. Amazon CloudFront
- D. Amazon Pinpoint

173. Which benefit of the AWS cloud supports matching the supply of resources with changing workload demands?

- A. Security
- B. Reliability
- C. Elasticity
- D. High Availability

174. A user is running an application on AWS and notices that one or more AWS-owned IP addresses is involved in a distributed denial-of-service (DDoS) attack. Who should the user contact FIRST about this situation?

- A. AWS Premium Support
- B. AWS Technical Account Manager
- C. AWS Solution Architect
- D. AWS Abuse team

175. Which of the following are benefits of hosting infrastructure in the AWS cloud? (choose 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.

176. What AWS service would be used to centrally manage AWS access policies across multiple accounts?

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

177. What is AWS Trusted Advisor?

- It is an online tool with a set of automated checks that provide recommendations on cost optimization, performance and security.

178. What is AWS Lambda?

It is a serverless compute service that runs code in response to events and automatically manages the underlying compute resources.

178. Which AWS services can host a Microsoft SQL Server database? (Select two)

- A. Amazon EC2
- B. Amazon Relational Database Service (Amazon RDS)
- C. Amazon Aurora
- D. Amazon Redshift
- E. Amazon S3

179. Which AWS characteristics makes AWS cost effective for a workload with dynamic usage demands? (Select two)

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

180. Which of the following are characteristics of Amazon S3? (Select two)

- A. A global file system
- B. An object store
- C. A local file store
- D. A network file system
- E. A durable storage system

181. Which services can be used across hybrid AWS cloud architectures? (Select two)

- A. Amazon Route 53
- B. Virtual Private Gateway
- C. Classic Load Balancer
- D. Auto Scaling
- E. Amazon CloudWatch default metrics

182. AWS supports which of the following methods to add security to Identity & Access Management (IAM) users? (Select two)

- A. Implementing Amazon Rekognition
- B. Using AWS Shield-protected resources
- C. Blocking access with a security group
- D. Using multifactor authentication (MFA)
- E. Enforcing password strength and expiration

183. Which AWS services should be used for read/write of constantly changing data? (Select two)

- A. Amazon Glacier
- B. Amazon RDS
- C. AWS Snowball
- D. Amazon Redshift
- E. Amazon EFS

184. Which of the following are features of Amazon CloudWatch Logs? (Select two.)

- A. Summaries by Amazon Simple Notification Service (SNS)
- B. Free Amazon Elasticsearch Service analytics
- C. Provided at no charge
- D. Real-time monitoring
- E. Adjustable retention

185. Which of the following AWS services can be used to store large amounts of online video content with the lowest possible latency? (Select two.)

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

186. Which of the following security related services does AWS offer? (Select Two)

- 4. Multi Factor Authentication physical tokens (bait)
- ✓ 5. AWS Trusted Advisor security check (highlighted)
- ✓ 6. Data encryption (highlighted)
- 7. Automated penetration testing (highlighted)
- 8. Amazon S3 copyrighted content detection (highlighted)

187. Which of the following are categories of AWS Trusted Advisor? (Select Two)

- ✓ A. Fault Tolerance (highlighted)
- B. Instance Usage
- C. Infrastructure
- ✓ D. Performance (highlighted)
- E. Storage capacity

188. Which of the following services could be used to deploy an application to servers running on premises? (Select Two).

- A. AWS Elastic Beanstalk (highlighted)
- ✓ B. AWS Opsworks (highlighted)
- ✓ C. AWS CodeDeploy (highlighted)
- D. AWS Batch
- E. AWS X-Ray

189 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

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

A. Coupling

B. Availability

C. Security

D. Durability

191 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

192 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

193 How should an application be created to function on the AWS cloud in accordance with best practices ?

A. Use tightly couple component

B. Use loosely couple component

C. Use infrequently couple component

D. Use frequently couple component

194. 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. Elasticity
- C. Decouple your components
- D. Design for failure

195. The following describes core application that spans various Availability zones?

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

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

- A. Decommissioning of physical storage device
- B. security group and ACL configuration
- C. patch management of an Amazon RDS instance
- D. controlling physical access to data center
- E. patch management of an Amazon EC2 instance

197. 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

198. Which feature enable 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**

199. 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 Solution Architect

200. What are the advantages of AWS cloud elasticity?

- A. Ensure website traffic is automatically spread across multiple AWS regions
- B. minimize storage cost by automatically archiving log data.
- C. Enable AWS to automatically select the most cost effective service
- D. **Automatically adjust the required compute capacity to maintain consistent performance**

201. 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 cost by day, service, and linked AWS acc.**
- C. **Create Budgets and receive notification if current or forecasted usage exceeds the budgets.**
- D. Switch automatically to Reserved Instances or spot instances, whichever is most cost effective.

201. E. Move data stored in Amazon S3 to a more cost effective storage class
203. Which cost components should be addressed when developing a cloud Total Cost of ownership (TCO) model for AWS workloads? (Select three)
- A. Compute cost
  - B. Facilities cost
  - C. Storage cost
  - D. Data transfer cost
  - E. Network infrastructure cost
  - F. Hardware lifecycle cost
204. How should an Amazon EC2 instance be granted access to an Amazon S3 buckets 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.
205. Which of the following price option would result in the highest reduction after making an Amazon EC2 Dedicated Host reservation?
- A. No upfront payments
  - B. Hourly on-demand payment
  - C. Partial upfront payment
  - D. All upfront payment

206. Which AWS services and/or features increase availability and mitigate the effect of failure 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 point of presence

207. Which of the following IT responsibilities may AWS believe a company IT team has? (Select Two.)

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

208. 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 multifactor 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

209. 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**

210. A business needs to monitor charges to AWS resources configurations for compliance purpose. Which Amazon web services functionality may be utilized to fulfill this requirement?

**A. AWS cost and usage report****B. AWS Organization Service Control Policies (SCPs)****C. AWS Config rules****D. VPC flow logs**

211. A customer request advise on potential cost reduction associated with the migration from on-premises to AWS.

Which tool is most appropriate in this situation?

**A. AWS Budget****B. Cost Explorer****C. AWS Total Cost of Ownership (TCO) calculator****D. AWS Well-Architected Well**

212. 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**

213. 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 permission as necessary.
- D. Attach policies directly to each user individually.

214. How can consolidated billing benefits a business with many AWS accounts?

- A. It aggregates usage across accounts so that the company can reach volume discount threshold 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 customer for usage.

215. AWS pay-as-you-go pricing model?

- A. Reduce capital expenditure.
- B. require payment up front for AWS services.
- C. is relevant only for Amazon EC2, Amazon S3, and Amazon RDS.
- D. reduce operational expenditure.

216. What AWS feature relates to a customer's flexibility to scale up and down application to meet changeable demand?

- A. Elasticity
- B. Agility
- C. Security
- D. Scalability

217. Which AWS cloud feature enable resources supply to be matched to changing workload demands?

A. Security

B. Reliability

C. **Elasticity**

D. High availability

218. 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 service.

E. Improve application security.

219. 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. **Principle**

B. Action

C. Resources

D. Statement

220. Which Amazon Web Services (AWS) solution enables clients to acquire unused Amazon EC2 capacity at often reduced prices? 5.50
- A. Reserved Instances
  - B. On-Demand Instances
  - C. Dedicated Instances
  - D. **Spot Instances**

221. Which of the following procedures should a client perform while doing penetration testing on AWS? 4.00
- A. Conduct penetration testing using Amazon Inspector, and then notify the AWS support team.
  - 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.**

222. Which service should be responsible for a network connection in a hybrid design that incorporates Amazon Web Services? 3.50
- A. Amazon VPC
  - B. **AWS Direct Connect**
  - C. AWS Directory Service
  - D. Amazon API Gateway

223. What is the name given to the several, separate sites inside an AWS region that are linked by a low-latency private network?

- A. AWS Direct Connect
- B. Amazon VPC
- C. Edge Locations
- D. Availability Zone

224. Which Amazon EC2 price option is appropriate for an application that needs intermittent, spiky, or unexpected workloads?

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

225. 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

226. 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

227. 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

228. 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

229. 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 to this change in demand?

- A. AWS CloudTrail
- ✓ B. Amazon EC2 Auto Scaling
- C. Amazon Forecast
- D. AWS Config

230. 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. Enable caching in the AWS region that is being used
- ✓ D. Using edge locations to put content closer to all users

231. A business has optimized its workload by using certain AWS services in order to increase efficiency and minimize costs. Which cost management best practices does this case demonstrate?
- A. Resource control
  - B. Cost allocation
  - C. **Architecture optimization**
  - D. Tagging enforcement
232. A customer with an AWS Basic Support Subscription has discovered that their AWS resources are being used for unauthorized purpose. 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
233. 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 peak load
  - C. **Ensuring that the application is designed to accommodate failure of any single component.**
  - D. Use a monolithic application that handles all operations

234. 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 cost 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

235. 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 application to have dependent workflows.
- C. It prevents cascading failures between different components.
- D. It allows companies to focus on their physical data centers operation.

236. 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.

237. 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 Service (AWS) service should the business use?

- A. Amazon GuardDuty
- B. AWS WAF
- C. AWS Trusted Advisor
- D. Amazon Inspector

238. 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

239. 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

240. 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 Auto Scaling

241. A huge corporation has recruited a developer who does not have 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 their job.
- B. Share the AWS account root user credential with the developer.
- C. Add the developer to the administrator group in AWS IAM.
- D. Configure a password policy that ensures the developer's cannot be changed.
- E. Ensure the account password policy requires a minimum length.

242. 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

243. What is an AWS cloud best practices in term of design?

- A. Tight coupling of component
- B. single point of view
- C. High Availability
- D. overprovisioning of resources

244. A workload hosted on AWS will continue to operate indefinitely by using a steady number of Amazon EC2 instances. Which pricing strategy will decreased costs while assuring the availability of computational resources?

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

255. A business is developing an application that will need the capacity to transmit, save and receive message across its component components. Additionally the corporation requires that communication be processed in first-in, first-out (FIFO) sequence.

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

- A. AWS Step Function
- B. Amazon Simple Notification Service (Amazon SNS)
- C. Amazon Kinesis Data Stream
- D. Amazon Simple Queue Service (Amazon SQS)

256. What is the function of a VPC's internet gateway?

- A. To create 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.

257. On a AWS, corporation is constructing a new archiving system capable of storing terabytes of data. The firm will NOT often activate 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)

258. 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

259. To prevent fraudulent compute activity, a user needs a simple method to detect whether any Amazon EC2 instances have unlimited access to their ports. Which Amazon web service (AWS) offering will meet this requirement?

- A. VPC Flow logs
- B. AWS WAF
- C. AWS CloudTrail
- D. AWS Trusted Advisor

260. A business is relocating and needs an encrypted connection to AWS.

Which AWS service will assist you in fulfilling this requirement?

- A. AWS VPN (right answer)
- B. Amazon Route53
- C. Amazon API Gateway
- D. Amazon Greengrass Connect (Not consider)

261. A major corporation has a workload that demands on-premises hardware. The organization want to continue using the same management and control plane service as it does on AWS.

Which Amazon web services (AWS) offering should the business employ to achieve these requirement?

A. AWS Device Farm

B. AWS Fargate

C. AWS Outpost

D. AWS Ground Station