

1.

Which features and benefits does the AWS Organizations provide? (Select TWO.)

- A. Establishing real-time communications between members of an internal team
- B. Facilitating the use of NoSQL databases
- C. Providing automated security checks
- D. Implementing consolidated billing
- E. Enforcing the governance of AWS accounts

2.

Which AWS service or feature provides a cloud-based contact center service with no upfront payments?

- A. AWS Support Center
- B. AWS Direct Connect
- C. Amazon Connect
- D. AWS Organizations

3. What AWS billing Support resource is available to all support plans?

- A. AWS Support Concierge
- B. Aws Customer Service**
- C. AWS technical account manager
- D- AWS Business Support

4.

Which of the following contribute to total cost of ownership of a workload running in the AWS Cloud? (Select TWO)

- A. Hardware maintenance
- B. Power and cooling
- C. Storage costs
- D. Space for data center
- E. Network costs

5.

Which aspect of AWS infrastructure enables global deployment of compute and storage?

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

6.

An application deployed in the AWS Cloud has unpredictable usage patterns and is running workloads that cannot be interrupted.

What is the MOST cost-effective Amazon EC2 pricing option for this application?

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

7.

A user is planning to launch two additional Amazon EC2 instances to increase availability.

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- 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.

8.

What is an Availability Zone in AWS?

- A. One or more physical data centers
- B. A completely isolated geographic location
- C. One or more edge locations based around the world
- D. A data center location with a single source of power and networking

9.

Which AWS service provides proactive recommendations for environment optimization?

- A. AWS Trusted Advisor
- B. AWS Artifact
- C. AWS Config
- D. AWS X-Ray

10.

Under the AWS shared responsibility model, what is the customer's responsibility when using an AWS managed service?

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

11.

A database engineer wants to use Provisioned IOPS storage for an online transaction processing (OLTP) database workload on production.

Which AWS service should the engineer use?

- A. Amazon S3
- B. Amazon Elastic Block Store (Amazon EBS)
- C. AWS Snowball
- D. Amazon S3 Glacier

12.

What can be used to reduce the cost of running Amazon EC2 instances? (Select TWO.)

- A. Spot Instances for stateless and flexible workloads
- B. Memory optimized instances for high-compute workloads
- C. On-Demand Instances for high-cost and sustained workloads
- D. Reserved Instances for sustained workloads
- E. Spend limits set using AWS Budgets

13.

What is an advantage of deploying an application across multiple Availability Zones?

- 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.

14.

When a user wants to utilize their existing per-socket, per-core, or per-virtual machine software licenses for a Micro running on AWS, which Amazon EC2 instance type is required?

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

15.

How can a user achieve high availability for a web application hosted on AWS?

- A. Use a Classic Load Balancer across multiple AWS Regions.
- B. Use an Application Load Balancer across multiple Availability Zones in one AWS Region.
- C. Set up automatic scaling and load balancing with another application instance running on premises.
- D. Use the AWS Region with the highest number of Availability Zones.

16.

A company wants to use an AWS service to continuously monitor the health of its application endpoints based on proximity to application users. The company also needs to route traffic to healthy Regional endpoints and to improve application availability and performance.

Which service will meet these requirements?

- A. Amazon Inspector
- B. Amazon CloudWatch
- C. AWS Global Accelerator
- D. AWS CloudFormation

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Under the AWS shared responsibility model, what are the customer's responsibilities? (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

18.

A company with AWS Enterprise Support needs help understanding its monthly AWS bill and wants to implement billing best practices. Which AWS tool or resource is available to accomplish these goals?

- A. Resource tagging
- B. AWS Concierge Support team
- C. AWS Abuse team
- D. AWS Support

19.

Which AWS service enables companies to deploy an application close to end users?

- A. Amazon CloudFront
- B. AWS Auto Scaling
- C. AWS AppSync
- D. Amazon Route 53

20.

Which cloud computing advantage is a company applying when it uses AWS Regions to increase application availability to users in different countries?

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

21.

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

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

22.

A company is planning to migrate to AWS and wants to ensure its data is encrypted at rest. Which AWS service requires the company to specifically enable encryption at rest?

- A. AWS CloudTrail
- B. Amazon S3
- C. AWS Storage Gateway
- D. AWS Backup

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

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

24.

How can consolidated billing within AWS Organizations help lower overall monthly expenses?

- A. By providing a consolidated view of monthly billing across multiple accounts
- B. By pooling usage across multiple accounts to achieve a pricing tier discount
- C. By automating the creation of new accounts through APIs
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25.

What is a benefit of using AWS serverless computing?

- A. Application deployment and management are not required.
- B. Application security will be fully managed by AWS.
- C. Monitoring and logging are not needed.
- D. Management of infrastructure is offloaded to AWS.

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

- A. A user associated with an AWS resource
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A user needs to automatically discover, classify, and protect sensitive data stored in Amazon S3.

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A practitioner has a data analysis workload that is infrequently executed and can be interrupted without optimize for cost, which Amazon EC2 purchasing option should be used?

On-Demand Instances

Reserved Instances

Spot Instances

Dedicated Hosts



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- C. Amazon GuardDuty
- D. AWS Secrets Manager

53.

A customer is deploying a new serverless application running on AWS Lambda.

Which of the following are the customer's responsibilities under the AWS shared responsibility model?

- A. Application management
- B. Platform management
- C. Application identity and access
- D. Storage infrastructure
- E. AWS global infrastructure

54.

Which AWS service or feature allows a user to establish a dedicated network connection between a company's on-premises environment and the AWS Cloud?

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

55.

Which of the following are advantages of the AWS Cloud? (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.

56.

Which AWS service or feature can be used to prevent SQL injection attacks?

- A. Security groups
- B. Network ACLs
- C. AWS WAF
- D. IAM policy

57.

How can a company reduce its Total Cost of Ownership (TCO) using AWS?

- 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

58.

A company is looking for a way to encrypt data stored on Amazon S3.

Which AWS managed service can be used to help to accomplish this?

- A. AWS Certificate Manager (ACM)
- B. AWS Secrets Manager
- C. AWS Resource Access Manager
- D. AWS Key Management Service (AWS KMS)

59.

Which AWS service provides the ability to quickly run one-time queries on data in Amazon S3?

- A. Amazon EMR
- B. Amazon DynamoDB
- C. Amazon Redshift
- D. Amazon Athena

60.

A company is running a Microsoft SQL Server instance on premises and is migrating its application to AWS. The company lacks the resources needed to refactor the application, but management wants to reduce operational overhead as part of the migration.

Which database service would MOST effectively support these requirements?

- A. Amazon DynamoDB
- B. Amazon Redshift
- C. Microsoft SQL Server on Amazon EC2
- D. Amazon RDS for SQL Server

61.

What is a value proposition of the AWS Cloud?

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

62.

A user needs to quickly deploy a nonrelational database on AWS. The user does not want to manage the underlying hardware or the database software.

Which AWS service can be used to accomplish this?

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

63.

Which of the following can be used to describe infrastructure as code in the AWS Cloud?

- A. AWS CLI
- B. AWS CloudFormation
- C. AWS CodeDeploy
- D. AWS Amplify

64.

Which AWS service does AWS Snowball Edge natively support?

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

65.

Which of the following are benefits of running a database on Amazon RDS compared to an on-premises database? (Select TWO)

- A. RDS backups are managed by AWS.
- B. RDS supports any relational database.
- C. RDS has no database engine licensing costs.
- D. RDS database compute capacity can be easily scaled.
- E. RDS inbound traffic control (for example, security groups) is managed by AWS.

66.

A user has an AWS account with a Business-level AWS Support plan and needs assistance with handling a production service disruption.

Which action should the user take?

- A. Contact the dedicated AWS technical account manager (TAM).
- B. Contact the dedicated AWS Concierge Support team.
- C. Open a business-critical system down support case.
- D. Open a production system down support case.

67.

Which AWS cloud architecture principle states that systems should reduce interdependencies?

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

68.

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

Which of the following is a characteristic of the AWS Cloud that would meet this specific need?

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

69.

Which task requires the use of AWS account root account user credentials?

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

70.

Which architecture concept describes the ability to deploy resources on demand and release resources when they are no longer needed?

- A. High availability
- B. Decoupled architecture
- C. Resilience
- D. Elasticity

71.

A company previously lost data that was stored in an on-premises data center. To protect against future loss of data, the company wants to use AWS to automatically launch thousands of its machines in a fully provisioned state in minutes, in a format that supports data restoration.

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

- A. AWS Direct Connect
- B. AWS Storage Gateway
- C. CloudEndure Disaster Recovery
- D. AWS Backup

72.

The continual reduction of AWS Cloud pricing is due to:

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

73.

A company wants to allocate AWS costs across three departments that use AWS for separate business purposes. Which account structure would enable the company to maintain a central view of all three accounts while keeping each account independent from the others?

- A. Use AWS Organizations. Create one account and use cost allocation tagging to allocate costs.
- B. Use AWS Organizations. Create three accounts and use consolidated billing to view allocated costs.
- C. Use AWS Identity and Access Management (IAM). Create three accounts and use the monthly cost allocation report to view allocated costs.
- D. Use AWS Identity and Access Management (IAM). Create one account and use the monthly cost allocation report to view allocated costs.

74.

Using AWS Identity and Access Management (IAM), what can be attached to an Amazon EC2 instance to make service requests?

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

75.

Which AWS services help to improve application performance by reducing latency while accessing content globally? (Select TWO.)

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

76.

A company is building a new archiving system on AWS that will store terabytes of data. The company will NOT retrieve the data often. Which Amazon S3 storage class will MINIMIZE the cost of the system?

- 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)

77.

A company would like to host its MySQL databases on AWS and maintain full control over the operating system, database installation, and configuration.

Which AWS service should the company use to host the databases?

- A. Amazon RDS
- B. Amazon EC2
- C. Amazon DynamoDB
- D. Amazon Aurora

78.

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. Choice of specific cloud hardware vendors.

79.

A company needs 24/7 phone, email, and chat access, with a response time of less than 1 hour if a production system has a service interruption.

Which AWS Support plan meets these requirements at the LOWEST cost?

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

80.

The AWS Trusted Advisor checks include recommendations regarding which of the following? (Select 5 answers)

- 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

81.

Using AWS Config to record, audit, and evaluate changes to AWS resources to enable traceability is an example of which architected Framework pillar?

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

82.

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

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

83.

A company must process a large amount of data from social media accounts by making graphical queries with high throughput. Which AWS service will help the company design a cloud architecture that will meet these requirements?

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

84.

Which AWS service enables risk auditing of an AWS account by tracking and recording user actions and source IP addresses?

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

85.

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
- B. Amazon S3 Glacier
- C. Amazon Elastic Block Store (Amazon EBS)
- D. Amazon Elastic File System (Amazon EFS)

86.

Which AWS service shows whether an Amazon EC2 instance has failed status checks?

- A. AWS CloudTrail
- B. Amazon CloudWatch
- C. AWS Service Health Dashboard
- D. AWS Cloud Map

87.

A company wants to use Amazon Elastic Compute Cloud (Amazon EC2) to deploy a global commercial application. The deployment solution should be built with the highest redundancy and fault tolerance.

Based on this situation, the 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.

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89.

Which AWS service is designed to help users who want to use machine learning for natural language processing (NLP) but do not have experience in machine learning?

- A. Amazon Comprehend
- B. Amazon SageMaker
- C. AWS Deep Learning AMIs (DLAMI)
- D. Amazon Rekognition

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A company has deployed several relational databases on Amazon EC2 instances. Every month, the database software vendor releases new security patches that need to be applied to the databases.

What is the MOST efficient way to apply the 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.