

1. Which technology can automatically adjust compute capacity as demand for an application increases or decreases?

- A. Load Balancing
- B. High Availability
- C. Fault Tolerance
- D. Auto Scaling

2. A company plans to move the application development to AWS. Which benefits can they achieve when developing and running applications in the AWS Cloud compared to on-premises? (Select TWO.)

- A. AWS takes care of application security patching
- B. AWS makes it easy to implement high availability
- C. AWS automatically replicates all data globally
- D. AWS will fully manage the entire application
- E. AWS can accommodate large changes in application demand

3. A Service Control Policy (SCP) is used to manage the maximum available permissions and is associated with which of the following?

Service control policies (SCPs) manage permissions for which of the following?

- A. AWS Regions
- B. AWS Organisations
- C. AWS Global Infrastructure
- D. Availability Zones

4. Which AWS support plans provide support via email, chat and phone? (Select TWO.)

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

5. What are the names of two types of AWS Storage Gateway? (Select TWO.)

- A. S3 Gateway

B. Gateway Virtual Tape Library

C. File Gateway

D. Cached Gateway

E. Block Gateway

6. Which AWS service helps customers meet corporate, contractual, and regulatory compliance requirements for data security by using dedicated hardware appliances within the AWS Cloud?

A. AWS Secrets Manager

B. AWS CloudHSM

C. AWS Directory Service

D. AWS Key Management Service (AWS KMS)

7. Which AWS service or feature allows a company to receive a single monthly AWS bill when using multiple AWS accounts?

A. AWS Cost and Usage report

B. AWS Cost Explorer

C. Consolidated billing

D. Amazon Cloud Directory

8. What are the benefits of using the AWS Managed Services? (Select TWO.)

A. Support for all AWS services

B. Manages applications so you can focus on infrastructure

C. Designed for small business

D. Alignment with ITIL processes

E. Baseline integration with ITSM tools

9. Which of the following compliance programs allows the AWS environment to process, maintain, and store protected health information?

A. PCI DSS

B. HIPAA

C. ISO 27001

D. SOC 1

10. Which of the following are valid best practices for using the AWS Identity and Access Management (IAM) service? (Select TWO.)

- A. Use groups to assign permissions to IAM users
- B. Embed access keys in application code
- C. Use inline policies instead of customer managed policies
- D. Grant maximum privileges to IAM users
- E. Create individual IAM users

11. Which of the following tasks can a user perform to optimise Amazon EC2 costs? (Select TWO.)

- A. Create users in a single region to reduce the spread of EC2 instances globally.
- B. Purchase Amazon EC2 reserved instances
- C. Create a policy to restrict IAM users from accessing the Amazon EC2 console.
- D. Set a budget to limit spending on Amazon EC2 instances using AWS budgets.
- E. Implement Auto Scaling groups to add and remove instances based on demand

12. Which AWS dashboard displays relevant and timely information to help users manage events in progress, and provides proactive notifications to help plan for scheduled activities?

- A. AWS Service Health Dashboard
- B. AWS Trusted Advisor dashboard
- C. AWS Personal Health Dashboard
- D. Amazon CloudWatch dashboard

13. What can a Cloud Practitioner use the AWS Total Cost of Ownership (TCO) Calculator for?

- A. Estimate savings when comparing the AWS Cloud to an on-premises environment
- B. Estimate a monthly bill for the AWS Cloud resources that will be used
- C. Generate reports that break down AWS Cloud compute costs by duration, resource, or tags

- D. Enable billing alerts to monitor actual AWS costs compared to estimated costs

14. A user has limited knowledge of AWS services, but wants to quickly deploy a scalable Node.js application in an Amazon VPC.

Which service should be used to deploy the application?

- A. Amazon EC2
- B. Amazon LightSail
- C. AWS Elastic Beanstalk
- D. AWS CloudFormation

15. Which AWS service can be used to load data from Amazon S3, transform it, and move it to another destination?

- A. Amazon EMR
- B. Amazon RedShift
- C. AWS Glue
- D. Amazon Kinesis

16. Which AWS service should a Cloud Practitioner use to automate configuration management using Puppet?

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

17. Amazon S3 is typically used for which of the following use cases? (Select TWO.)

- A. Media hosting
- B. Host a static website
- C. Message queue
- D. Install an operating system
- E. In-memory data cache

18. A Cloud Practitioner requires a simple method to identify if unrestricted access to resources has been allowed by security groups. Which service can the Cloud Practitioner use?

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

19. Which AWS service is a fully-managed source control service that hosts secure Git-based repositories?

- A. AWS CodeBuild
- B. AWS CodeCommit**
- C. AWS CodeDeploy
- D. AWS CodePipeline

20. Which AWS services offer compute capabilities? (Select TWO.)

- A. Amazon ECS**
- B. Amazon DynamoDB
- C. Amazon EFS
- D. Amazon CloudHSM
- E. AWS Lambda**

21. Which cloud architecture design principle is supported by deploying workloads across multiple Availability Zones?

- A. Automate infrastructure
- B. Design for failure**
- C. Enable elasticity
- D. Design for agility

22. Which AWS service does AWS Snowball Edge natively support?

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

23. Which of the following is an advantage for a company running workloads in the AWS Cloud vs on-premises? (Select TWO.)

- A. Lower overall utilisation of server and storage systems.
- B. Increased time to market for new application features
- C. Less staff is required to launch new workloads
- D. Higher acquisition costs to support elastic workloads
- E. Increased productivity for application development teams.

24. A Cloud Practitioner wants to configure the AWS CLI for programmatic access to AWS services. Which credential components are required? (Select TWO.)

- A. An access key ID
- B. A secret access key
- C. A public key
- D. An IAM Role
- E. A private key

25. A company has a global user base and needs to deploy AWS services that can decrease network latency for their users. Which services may assist? (Select TWO.)

- A. AWS Global Accelerator
- B. AWS Direct Connect
- C. Application Auto Scaling
- D. Amazon VPC
- E. Amazon CloudFront

26. Which AWS service should a Cloud Practitioner use to establish a secure network connection between an on-premises network and AWS?

- A. AWS Mobile Hub
- B. Amazon Virtual Private Cloud (VPC)
- C. AWS Web Application Firewall
- D. Virtual Private Network

27. Which AWS service can be used to run Docker containers?

- A. Amazon AMI
- B. Amazon ECR
- C. AWS Lambda
- D. Amazon ECS

28. Which benefits can a company immediately realize using the AWS Cloud? (Select TWO.)

- A. No responsibility for security
- B. User control of physical infrastructure
- C. Capital expenses are replaced with variable expenses
- D. Variable expenses are replaced with capital expenses
- E. Increased agility

29. Which of the following can be used to identify a specific user who terminated an Amazon RDS DB instance?

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

30. What is the function of Amazon EC2 Auto Scaling?

- A. Automatically modifies the network throughput of EC2 instances, based on demand
- B. Scales the size of EC2 instances up or down automatically, based on demand
- C. Automatically updates the EC2 pricing model, based on demand.
- D. Scales the number of EC2 instances in or out automatically, based on demand.

31. A Cloud Practitioner is re-architecting a monolithic application. Which design principles for cloud architecture do AWS recommend? (Select TWO.)

- A. Implement loose coupling
- B. Use self-manages servers
- C. Implement manual scalability
- D. Rely on individual components
- E. Design for Scalability

32. How should an organization deploy an application running on multiple EC2 instances to ensure that a power failure does not cause an application outage?

- A. Launch the EC2 instances into Edge Locations
- B. Launch the EC2 instances into different VPCs
- C. Launch the EC2 instances in separate regions
- D. Launch the EC2 instances into different Availability Zones

33. Which AWS service can be used to host a static website?

- A. Amazon S3
- B. Amazon EBS
- C. Amazon CloudFormations
- D. Amazon EFS

34. What can be used to allow an application running on an Amazon EC2 instance to securely store data in an Amazon S3 bucket without using long-term credentials?

- A. AWS Systems Manager
- B. AWS IAM access key
- C. Amazon Connect
- D. AWS IAM role

35. According to the AWS shared responsibility model, which task is the customer's responsibility?

- A. Updating the operating system of AWS Lambda instances.
- B. Maintaining Amazon API Gateway infrastructure
- C. Updating the guest operating system on AmazonEC2 instances
- D. Maintaining the infrastructure needed to run Amazon DynamoDB

36. AWS are able to continue to reduce their pricing due to:

- A. Economies of scale
- B. Reversed instance pricing
- C. The AWS global infrastructure
- D. Pay-as-you go pricing

37. Which of the following are AWS recommended best practices in relation to IAM? (Select TWO.)

- A. Grant greatest privilege
- B. Create individual IAM users
- C. Embed access keys in application code
- D. Assgn permissions to users
- E. Enable MFA for all users

38. A company requires a dashboard for reporting when using a business intelligence solution. Which AWS service can a Cloud Practitioner use?

Which AWS service can be used?

- A. Amazon Athena
- B. Amazon Kinesis
- C. Amazon Redshift
- D. Amazon QuickSight

39. Which AWS service protects against common exploits that could compromise application availability, compromise security or consume excessive resources?

- A. AWS WAF
- B. AWS Shield
- C. Security Group
- D. Network ACL

40. An application stores images which will be retrieved infrequently, but must be available for retrieval immediately. Which is the most cost-effective storage option that meets these requirements?

- A. Amazon S3 Standard-Infrequent Access
- B. Amazon S3 Standard
- C. Amazon Glacier with expedited retrievals
- D. Amazon EFS

41. A cloud practitioner needs to migrate a 70 TB of data from an on-premises data center into the AWS Cloud. The company has a slow and unreliable internet connection.

Which AWS service can the cloud practitioner leverage to transfer the data?

- A. AWS DataSync
- B. AWS Storage Gateway
- C. AWS Snowball
- D. Amazon S3 Glacier

42. A new user is unable to access any AWS services, what is the most likely explanation?

- A. By default new users are created without access to any AWS services
- B. The services are currently unavailable
- C. The default limit for user logons has been reached
- D. The user needs to login with a key pair

43. Which of the following best describes an Availability Zone in the AWS Cloud?

- A. A completely isolated geographic location
- B. One or more physical data centers**
- C. A subnet for deploying resources into
- D. One or more edge locations based around the world

44. An eCommerce company plans to use the AWS Cloud to quickly deliver new functionality in an iterative manner, minimizing the time to market.

Which feature of the AWS Cloud provides this functionality?

- A. Fault tolerance
- B. Elasticity
- C. Agility**
- D. Cost effectiveness

45. A user needs an automated security assessment report that will identify unintended network access to Amazon EC2 instances and vulnerabilities on those instances.

Which AWS service will provide this assessment report?

- A. AWS Config
- B. Amazon Macie
- C. EC2 security groups
- D. Amazon Inspector**

46. Which AWS hybrid storage service enables a user's on-premises applications to seamlessly use AWS Cloud storage?

- A. AWS Direct Connect
- B. Amazon Connect
- C. AWS Storage Gateway**
- D. AWS Backup

47. Which services are involved with security? (Select TWO.)

- A. AWS SMS
- B. AWS KMS
- C. AWS CloudHSM
- D. AWS DMS
- E. Amazon ELB

48. How can an organization assess application for vulnerabilities and deviations from best practice?

- A. Use AWS WAF
- B. Use AWS Shield
- C. Use AWS Artifact
- D. Use AWS Inspector

49. Which on-premises costs must be included in a Total Cost of Ownership (TCO) calculation when comparing against the AWS Cloud? (Select TWO.)

- A. Network infrastructure in the data center
- B. Physical compute hardware
- C. Database schema development
- D. Operating system administration
- E. Project management services

50. Which of the following security operations tasks must be performed by AWS customers? (Select TWO.)

- A. Collecting syslog messages from physical firewalls
- B. Installing security updates on EC2 instances
- C. Issuing data center access keycards
- D. Enabling multi-factor authentication (MFA) for privileged users
- E. Installing security updates for server firmware

51. Which Amazon EC2 pricing model should be avoided if a workload cannot accept interruption if capacity becomes temporarily unavailable?

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

52. Which AWS-managed service can be used to process vast amounts of data using a hosted Hadoop framework?

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

53. According to the shared responsibility model, which security-related task is the responsibility of the customer?

- A. Maintaining physical networking configuration
- B. Securing servers and racks at AWS data centers
- C. Maintaining firewall configurations at a hardware level
- D. Maintaining server-side encryption

54. Which AWS service is used to send both text and email messages from distributed applications?

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

55. Which of the following should be used to improve the security of access to the AWS Management Console? (Select TWO.)

- A. AWS Secrets Manager
- B. Strong password policies
- C. Security group rules
- D. AWS Multi-Factor Authentication (AWS MFA)

56. According to the shared responsibility mode, which security and compliance task is AWS responsible for?

- A. Updating Operating systems
- B. Granting permissions to users and services
- C. Encrypting data at rest
- D. Updating Amazon EC2 host firmware

57. What should a Cloud Practitioner ensure when designing a highly available architecture on AWS?

- A. Servers have low latency and high throughput network connectivity.
- B. There are enough servers to run at peak load available at all times
- C. The failure of a single component should not affect the application
- D. A single monolithic application component handles all operations

58. A Cloud Practitioner noticed that IP addresses that are owned by AWS are being used to attempt to flood ports on some of the company's systems.

To whom should the issue be reported?

- A. AWS Professional Services
- B. AWS Trust & Safety team
- C. AWS Partner Network (APN)
- D. AWS Technical Account Manager (TAM)

59. How can a security compliance officer retrieve AWS compliance documentation such as a SOC 2 report?

- A. Using AWS Inspector
- B. Using AWS Artifact
- C. Using the AWS Personal Health Dashboard
- D. Using AWS Trusted Advisor

60. Which AWS service can be used to perform data extract, transform, and load (ETL) operations so you can prepare data for analytics?

- A. AWS Glue
- B. Amazon S3 Select
- C. Amazon Athena
- D. Amazon QuickSight

61. Which service can a Cloud Practitioner use to configure custom cost and usage limits and enable alerts for when defined thresholds are exceeded?

- A. AWS Budgets
- B. Cost Explorer
- C. Consolidated billing
- D. AWS Trusted Advisor

62. An application has highly dynamic usage patterns. Which characteristics of the AWS Cloud make it cost-effective for this type of workload? (Select TWO.)

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

63. Which of the statements below is correct in relation to Consolidated Billing? (Select TWO.)

- A. You receive a single bill for multiple accounts
- B. You are charged a fee per user
- C. You pay a fee per linked account
- D. You receive one bill per AWS account
- E. You can combine usage and share volume pricing discounts

64. A company needs a consistent and dedicated connection between AWS resources and an on-premise system.

Which AWS service can fulfil this requirement?

- A. AWS DataSync
- B. AWS Managed VPN
- C. AWS Direct Connect
- D. Amazon Connect

65. Which benefit of AWS enables companies to replace upfront fixed expenses with variable expenses when using on-demand technology services?

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