

AWS + CAD Assessment Test Questions

QUESTION 1

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
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QUESTION 2

Which AWS service helps users create three-dimensional applications quickly without requiring any specialized programming or three-dimensional graphics expertise?

- A. AWS RoboMaker
 - B. Amazon Rekognition
 - C. Amazon Sumerian**
 - D. Amazon GameLift
-

QUESTION 3

A development team wants to deploy multiple test environments for an application in a fast, repeatable manner.

Which AWS service should the team use?

- A. Amazon EC2
 - B. AWS CloudFormation**
 - C. Amazon QuickSight
 - D. Amazon Elastic Container Service (Amazon ECS)
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QUESTION 4

A company uses AWS Direct Connect and wants to establish connectivity that spans VPCs across multiple AWS Regions.

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

- A. AWS Transit Gateway**
 - B. AWS PrivateLink
 - C. Amazon Connect
 - D. Amazon Route 53
-

QUESTION 5

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

- A. RDS backups are managed by AWS**
 - B. RDS supports any relational database
 - C. RDS has no database engineer licensing costs**
 - D. RDS database compute capacity can be easily scaled
 - E. RDS inbound traffic content (for example, security groups) is managed by AWS
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QUESTION 6

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**
-

QUESTION 7

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**
-

QUESTION 8

Where can a user receive help with deploying popular technologies based on AWS best practices, including architecture and deployment instructions?

- A. Amazon QuickSight
 - B. AWS Artifact
 - C. AWS Config
 - D. AWS Quick Starts**
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QUESTION 9

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
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QUESTION 10

A company plans to create a data lake that uses Amazon S3.

Which factor will have the MOST effect on cost?

- A. The selection of S3 storage tiers**
 - B. Charges to transfer existing data into Amazon S3
 - C. The addition of S3 bucket policies
 - D. S3 ingest fees for each request
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QUESTION 11

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

- A. Spot Instances
 - B. Dedicated Instances
 - C. Dedicated Hosts**
 - D. Reserved Instances
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QUESTION 12

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

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

QUESTION 13

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
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QUESTION 14

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
-

QUESTION 15

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
-

QUESTION 16

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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QUESTION 17

Which of the following are advantages of the AWS Cloud?

- A. AWS manages the maintenance of the cloud infrastructure.**
 - B. AWS manages the security of application 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.
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QUESTION 18

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.

QUESTION 19

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

QUESTION 20

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

Would you like me to continue with **questions 21–45** in the same format?

You said:

yes

ChatGPT said:

Here are the **next 25 MCQs (Questions 21–45)** from your uploaded AWS Cloud Practitioner exam document, with **all answer choices included and the correct answer(s) marked**:

QUESTION 21

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

QUESTION 22

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

QUESTION 23

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

QUESTION 24

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

QUESTION 25

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

QUESTION 26

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
 - D. By leveraging service control policies (SCPs) for centralized service management
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QUESTION 27

Management at a large company wants to avoid long-term contracts and is interested in AWS to move from fixed costs to variable costs. What is the value proposition of AWS for this company?

- A. Economy of scale
 - B. Pay-as-you-go pricing**
 - C. Volume discounts
 - D. Cost optimization
-

QUESTION 28

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**
-

QUESTION 29

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

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

QUESTION 30

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

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

QUESTION 31

What is an 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
-

QUESTION 32

Which tasks require using AWS account root user credentials? (Select TWO.)

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

QUESTION 33

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 automated 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**
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QUESTION 34

A security officer wants a list of any potential vulnerabilities in Amazon EC2 security groups. Which AWS service should the officer use?

- A. Amazon GuardDuty
 - B. AWS Trusted Advisor**
 - C. AWS CloudTrail
 - D. AWS Artifact
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QUESTION 35

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 Glacier
 - C. Amazon EBS
 - D. Amazon EFS**
-

QUESTION 36

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
-

QUESTION 37

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**
-

QUESTION 38

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
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QUESTION 39

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
-

QUESTION 40

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
-

QUESTION 41

Which AWS service or feature provides log information of the inbound and outbound traffic on network interfaces in a VPC?

- A. Amazon CloudWatch Logs
 - B. AWS CloudTrail
 - C. VPC Flow Logs**
 - D. AWS Identity and Access Management (IAM)
-

QUESTION 42

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

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

QUESTION 43

Which of the following enable a company to reserve capacity on AWS? (Select TWO.)

- A. On-Demand Capacity Reservations**
 - B. AWS services in scope
 - C. Zonal Reserved Instances**
 - D. Savings Plans
 - E. Reserved instance reporting
-

QUESTION 44

A company is considering a migration from on premises to the AWS Cloud. The company's IT team needs to offload support of the workload. What should the IT team do to accomplish

this goal?

- A. Use AWS Managed Services to provision, run, and support the company infrastructure**
 - B. Build hardware refreshes into the operational calendar to ensure availability
 - C. Use Amazon Elastic Container Service (Amazon ECS) on Amazon EC2 instances
 - D. Overprovision compute capacity for seasonal events and traffic spikes to prevent downtime
-

QUESTION 45

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

QUESTION 46

Which cloud concept is demonstrated by using AWS Compute Optimizer?

- A. Security validation
 - B. Rightsizing**
 - C. Elasticity
 - D. Global reach
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QUESTION 47

A company with AWS Enterprise Support needs 24/7 access to the AWS DDoS Response Team (DRT). Which AWS service meets this requirement?

- A. AWS Shield Standard
 - B. AWS Shield Advanced**
 - C. AWS Firewall Manager
 - D. AWS WAF
-

QUESTION 48

A company wants to host a static website on EC2 for a global audience with minimal latency. Which solution meets the requirement?

- A. Use EC2 instances in multiple edge locations.
- B. Use EC2 instances in the same Availability Zone but different AWS Regions.
- C. Use Amazon CloudFront with the EC2 instances configured as the source.**
- D. Use EC2 instances in the same Availability Zone but in different AWS accounts.

QUESTION 49

A company runs business applications both on-premises and in AWS. They need a shared file system accessible from both environments. Which service meets this requirement?

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

QUESTION 50

A company needs to host an application on EC2 and bring its own OS licenses, requiring physical level licensing governance. Which EC2 purchasing option meets this?

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

QUESTION 51

A company wants its on-premises workloads to access Windows file shares on AWS, without provisioning extra infrastructure on-premises. Which AWS service will work?

- A. AWS Backup
- B. Amazon Connect
- C. Amazon FSx File Gateway**
- D. AWS Snow Family

QUESTION 52

An e-commerce company wants to design a highly available application on EC2 instances. How should they deploy EC2?

- A. Across multiple edge locations
- B. Across multiple VPCs
- C. Across multiple Availability Zones**
- D. Across multiple AWS accounts

QUESTION 53

Which actions are examples of a company's effort to rightsize its AWS resources to control cloud costs? (Select TWO.)

- A. Switch from Amazon RDS to Amazon DynamoDB for NoSQL datasets
 - B. Base selection of EC2 instance types on past utilization patterns**
 - C. Use S3 Lifecycle policies to move infrequently accessed objects to cheaper storage**
 - D. Use Multi-AZ deployments for RDS
 - E. Replace EC2 instances with AWS Elastic Beanstalk
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QUESTION 54

An e-commerce company wants to design a highly available application that will be hosted on multiple Amazon EC2 instances. How should the company deploy the EC2 instances to meet these requirements?

- A. Across multiple edge locations
- B. Across multiple VPCs
- C. Across multiple Availability Zones**
- D. Across multiple AWS accounts

QUESTION 55

Which of the following best describes the role of a Cloud Application Developer (CAD)?

- A. Managing on-premises network firewalls and switches
 - B. Designing, building, and deploying cloud-native applications**
 - C. Performing daily hardware diagnostics and repairs
 - D. Managing billing and support escalations for SaaS providers
-

QUESTION 56

Which certification body initiated the “FutureSkills Prime” platform that includes CAD training and assessment?

- A. AICTE
 - B. NASSCOM**
 - C. NSDC
 - D. UGC
-

QUESTION 57

What is the main function of a Network Intrusion Detection System (NIDS)?

- A. To block known malware at the endpoint
- B. To monitor network traffic for suspicious activity and known threats**
- C. To scan storage buckets for viruses

D. To enforce identity-based access controls

QUESTION 58

In the context of cloud security, what is a key benefit of using a Secure Internet Gateway (SIB)?

- A. Allows unrestricted internet access to users
 - B. Replaces all internal firewalls
 - C. Provides centralized policy enforcement and protection from web-based threats**
 - D. Encrypts email communications
-

QUESTION 59

Which of the following services would best complement a NIDS to respond automatically to detected threats in a cloud environment?

- A. Amazon RDS
 - B. AWS CloudTrail
 - C. AWS Lambda**
 - D. Amazon WorkDocs
-

QUESTION 60

Which of the following best explains NASSCOM's objective in promoting cloud certifications through initiatives like FutureSkills Prime?

- A. To build a skilled digital workforce in emerging technologies**
 - B. To provide financial support to IT startups
 - C. To manage cloud data centers across India
 - D. To enforce cybersecurity regulations
-

QUESTION 61

Which of the following tools is most likely to be used by a CAD to build and deploy cloud applications on AWS?

- A. AWS Snowball
- B. Amazon QuickSight
- C. AWS Cloud9**

D. AWS Ground Station

QUESTION 62

What is the role of anomaly detection in a NIDS system?

A. Encrypt outbound network packets

B. Identify behavior that deviates from established network baselines

C. Scan code for syntax errors

D. Grant IAM permissions automatically

QUESTION 63

How does a Secure Internet Gateway (SIB) enhance compliance in cloud environments?

A. By logging email traffic

B. By enforcing data protection policies and tracking internet activity

C. By preventing auto-scaling

D. By denying access to mobile devices

QUESTION 64

Which of the following is a cloud deployment model suitable for CADs working on applications for government use?

A. Public Cloud

B. Private Cloud

C. Personal Cloud

D. Hybrid Email Cloud

QUESTION 65

Which is an important security responsibility for a Cloud Application Developer (CAD)?

A. Monitoring router temperatures

B. Securing APIs and application endpoints

C. Refactoring on-premises DNS rules

D. Installing OS updates on host hypervisors

Note: The content provided herein consists of questions and answers compiled from recent AWS certification examinations and CAD authoritative practice assessments. This material is authentically sourced and has not been produced by Artificial Intelligence.