

QBank Quiz September 17, 2022

Test ID: 224024688

Question #1 of 65

Question ID: 1455487

What AWS database is considered serverless and provides a NoSQL database with millisecond latency?

- ☐ A) Amazon RDS
- ☐ B) Amazon Aurora
- ☒ C) Amazon DynamoDB
- ☐ D) Amazon Redshift

Question #2 of 65

Question ID: 1455486

What is a geographic area that houses several isolated AWS Availability Zones called?

- ☒ A) AWS region
- ☐ B) US East (N. Virginia)
- ☐ C) Endpoint
- ☐ D) Amazon RDS

Question #3 of 65

Question ID: 1455597

Which Amazon storage solution is designed for extremely low storage costs, is best suited for rarely retrieved data, and provides data retrieval times that can be calculated in hours?

- X **A)** AWS Snowball
 - X **B)** Amazon EBS
 - ✓ **C) Amazon Glacier**
 - X **D)** Amazon S3 Standard-IA
-

Question #4 of 65

Question ID: 1455586

What would you need to use to create workflows for reviewing predictions made by machine learning?

- X **A)** Lex
 - X **B) SageMaker**
 - ✓ **C)** Augmented AI
 - X **D)** Rekognition
-

Question #5 of 65

Question ID: 1455537

Which category in AWS Trusted Advisor provides you with a check to ensure that MFA is activated for the root account?

- X **A)** Cost Optimization
- ✓ **B) Security**
- X **C)** Performance

X **D)** Fault Tolerance

Question #6 of 65

Question ID: 1455539

You work for a company that has several AWS resources which consists of seven Amazon EC2 instances that support several back-end databases. You are under constant pressure from the security department to make sure that these EC2 instances comply with the company's best security practices and stay within the company's strict compliance rules.

Which of the following Amazon resources would you use to meet this requirement?

- X **A)** Amazon CloudFront
 - ✓ **B) Amazon Inspector**
 - X **C)** Dynamic Scaling
 - X **D)** AWS System Manager
-

Question #7 of 65

Question ID: 1455582

You need to find a way to seamlessly connect your on-premise applications to the AWS Cloud while maintaining compliance needs. Which of these would you use?

- X **A)** AWS Snowmobile
- ✓ **B) AWS Storage Gateway**
- X **C)** AWS Snowball Edge
- X **D)** Amazon S3 Glacier

Question #8 of 65

Question ID: 1455469

Which Amazon resource could you use to gather IP addresses for subnets classified as private within your VPC infrastructure?

- ✓ **A) VPC Flow Logs**
- X **B) AWS Direct Connect**
- X **C) VPC Peering**
- X **D) Virtual Private Cloud (VPC)**

Question #9 of 65

Question ID: 1455633

You have been managing your current production workload with several Reserved Instances for about 9 months. You have been monitoring resources within the Amazon CloudWatch dashboard and notice several progressive increases in overall workload each month. Your goal is to make sure your EC2 infrastructure has enough capacity and overall bandwidth to support these smaller increases in workload.

What type of instance would meet this requirement?

- X **A) Dedicated Hosts**
- X **B) Reserved Instances**
- X **C) Spot Instances**
- ✓ **D) On-Demand Instances**

Question #10 of 65

Question ID: 1455613

What type of automatic monitoring is available only in 5-minute increments when monitoring a newly created EC2 instance?

- ✓ **A) Basic**
 - X **B) Dimensions**
 - X **C) Paid tier**
 - X **D) CloudWatch**
-

Question #11 of 65

Question ID: 1455645

You work for a company that created several production servers within Amazon's infrastructure, but costs are rising and your management has asked you to reduce the costs associated with your Amazon infrastructure.

Which option below would be best?

- X **A) Identify Amazon EBS volumes with high utilization**
 - X **B) Increase your compute costs on your EC2 instances**
 - X **C) Remove all forms of autoscaling**
 - ✓ **D) Stopping or resizing your EC2 instances**
-

Question #12 of 65

Question ID: 1455518

What kind of strategy does Amazon offer for situations regarding accidental deletion within Amazon S3?

- X **A) Digital signatures**
- X **B) Application level encryption**

- X **C)** Backup replication
 - ✓ **D) Versioning**
-

Question #13 of 65

Question ID: 1455601

Which Amazon S3 bucket policy can limit access to a specific object?

- X **A)** Gmail account
 - X **B) Network subnet**
 - ✓ **C)** Using a custom prefix
 - X **D)** Company stock ticker
-

Question #14 of 65

Question ID: 1455454

Which aspect of AWS Cloud provides cost benefits to cloud users because a large volume of other cloud users also use the cloud platform?

- X **A)** Elasticity
 - X **B)** Scalability
 - X **C)** High Availability
 - ✓ **D) Economy of Scale**
-

Question #15 of 65

Question ID: 1455563

Which AWS service would you use to improve communication with your users that are located far from your existing AWS Regions?

- X **A)** CloudWatch
 - ✓ **B) CloudFront**
 - X **C)** CloudTrail
 - X **D)** Outposts
-

Question #16 of 65

Question ID: 1455640

Which of these AWS support plans includes access to the Concierge?

- ✓ **A) Enterprise**
 - X **B) Business**
 - X **C) Developer**
 - X **D) Basic**
-

Question #17 of 65

Question ID: 1455511

You need to setup user access permissions on your AWS account based on security best practices. How would you implement the principle of least privilege?

- X **A)** Allowing users access to anything they want
- X **B)** Denying users access to what they need
- X **C)** Denying access to users to all resources
- ✓ **D) Allowing users access only to do what they need**

Question #18 of 65

Question ID: 1455618

You want to monitor service limits related to Elastic IP addresses that are being used, active snapshots, and EBS volumes. Which service would you use?

- ☐ A) AWS Storage Gateway
 - ☒ B) **AWS Trusted Advisor**
 - ☐ C) Amazon SNS
 - ☐ D) Amazon EC2
-

Question #19 of 65

Question ID: 1455609

For which two situations will AWS Trusted Advisor recommend actions? (Choose two.)

- ☒ A) **Weak IAM user password policies**
 - ☒ B) **EBS volumes with no snapshots**
 - ☐ C) EC2 instances launched across several AZs
 - ☐ D) **MFA turned on for the root user**
 - ☐ E) Running RDS instances
-

Question #20 of 65

Question ID: 1455628

You are working for a large data warehousing company that processes geographic data information. You support a vendor batch processing application that runs on two EC2 instances. The batch process runs for several hours and starts at 6:00 am, 9:00 am and 3:00 pm. The batch process aggregates the data and send it to the front-end application. This application does experience a sporadic increase in resource utilization during these times.

What is the most cost effective solution for this application?

- ☐ **A)** On-premise servers
 - ☐ **B)** Reserved Instances
 - ☐ **C)** Dedicated Instances
 - ☒ **D) Spot Instances**
-

Question #21 of 65

Question ID: 1455567

Which of the following options would describe a location where an AWS cluster datacenter is located?

- ☐ **A)** On-premises system
 - ☐ **B)** Endpoint
 - ☒ **C) Region**
 - ☐ **D) fleet**
-

Question #22 of 65

Question ID: 1455530

What type of application could you use if you wanted to install security patches or service packs beyond the patch level from an AMI?

- ☐ **A) DAX**

- ✓ **B) Bootstrapping**
 - X **C) IAM policies**
 - X **D) Trusted Advisor**
-

Question #23 of 65

Question ID: 1455647

You need to determine the costs for moving from your current on premise system to a viable AWS Cloud solution. Which of the following options would you use for creating hierarchical estimate of costs which are grouped by the various sections of your organizations architecture?

- ✓ **A) AWS Pricing Calculator**
 - X **B) AWS X-Ray**
 - X **C) AWS Cost Explorer**
 - X **D) AWS Organizations**
-

Question #24 of 65

Question ID: 1455529

What security option gives you the ability to manage permissions for several different users at one time while controlling access to specific AWS resources?

- X **A) Amazon's shared responsibility model**
 - ✓ **B) IAM group**
 - X **C) IAM policies**
 - X **D) Multi-factor authentication (MFA)**
-

Question #25 of 65

Question ID: 1455474

Which AWS framework pillar is focused on supporting compute changes in AWS adaptive technologies as businesses evolve?

- ☐ **A) Reliability**
 - ☐ **B) Cost Optimization**
 - ☐ **C) Operational Excellence**
 - ☒ **D) Performance Efficiency**
-

Question #26 of 65

Question ID: 1455533

You are on a security team and you need to lock down an IAM user account. Which options would you select? (Choose all that apply.)

- ☒ **A) Set a password policy on the account.**
 - ☒ **B) Add a condition to the policy that only grants permissions based on a specific IP address.**
 - ☐ **C) Monitor the IAM user account by using AWS CloudFormation.**
 - ☐ **D) Have the IAM user keep the same password without changing it.**
 - ☐ **E) Give the IAM user the root password.**
 - ☒ **F) Use MFA on the IAM user account.**
-

Question #27 of 65

Question ID: 1455578

Which AWS service would you need to use for creating a microservices-based system architecture allowing applications' components to communicate with each other?

- X **A) S3**
 - ✓ **B) SQS**
 - X **C) EFS**
 - X **D) EBS**
-

Question #28 of 65

Question ID: 1455472

You need to present a case to your company's management for moving operations from an on-premise data center to AWS Cloud. Which of these will help your company reduce its costs by moving to an AWS cloud deployment? (Select TWO)

- ✓ **A) Using automation**
 - ✓ **B) Availing managed services**
 - X **C) Using a fixed-sized infrastructure**
 - X **D) Performing routine tasks manually**
 - X **E) Having more overheads**
-

Question #29 of 65

Question ID: 1455624

When you create and manage an Amazon RDS environment, there are no setup fees and no minimums to be concerned with.

Which option specifies how you would be billed?

- X **A) Network time**
- X **B) Listeners**

- X C) Dynamic scaling
 - ✓ D) Running time
-

Question #30 of 65

Question ID: 1455532

Which of the following options are considered best practices when configuring IAM policies? (Choose all that apply.)

- X A) Only use the AWS root user account for accessing the AWS console and for administrative purposes.
 - ✓ B) Enable MFA for privileged IAM users and define strong password policies for users.
 - X C) Let the end users create their own passwords and use roles only in certain regions.
 - ✓ D) Delete, rotate, or hide your AWS root user key and grant least privileges to user accounts.
 - X E) Keep the same access keys for the life of the account and do not rotate passwords.
-

Question #31 of 65

Question ID: 1455471

What are two key advantages of using AWS Cloud technology? (Choose two.)

- X A) Only pay for resources in advance
- ✓ B) Trade upfront expenses for variable expenses
- X C) Benefit from smaller user aggregates
- X D) Guess resource capacity
- ✓ E) Go global in minutes

Question #32 of 65

Question ID: 1455631

Which two features are part of AWS Organizations? (Choose two.)

- ✓ **A) Consolidating billing for multiple accounts**
- X **B) Performing threat detection across AWS networks**
- ✓ **C) Controlling permission for accounts using SCPs**
- X **D) Creating scalable data warehousing solutions**
- X **E) Indicating weak password policies for user accounts**

Question #33 of 65

Question ID: 1455534

What security requirements does Amazon recommend for securing operating systems and applications related to AMIs?

- X **A) Enable secret keys and root access keys within each pre-configured AMI build.**
- X **B) Copy the authorized_keys file to a safe location when someone leaves the company or transfers to another department.**
- X **C) Avoid using bastion hosts due to the lack of access control.**
- ✓ **D) Verify least privilege checks using the IAM user Access Advisor on all AMIs.**

Question #34 of 65

Question ID: 1455614

The company you work for wants to cut monitoring costs down on all new EC2 instances. The goal is to display a CPU dashboard with metrics at one-minute intervals. You need to implement this request in the most efficient and cost effective manner.

Which two options would you select?

- ☐ **A) Create a dashboard in CloudTrail.**
 - ☒ **B) Use detailed monitoring for each EC2 instance.**
 - ☐ **C) Use basic monitoring to display the CPU metrics.**
 - ☒ **D) Use CloudWatch to create a dashboard.**
-

Question #35 of 65

Question ID: 1455576

You need to allow your development team to efficiently package application code and its dependencies together to be used across different systems. Which of these are container orchestration tools you use on AWS?

- ☐ **A) EFS**
 - ☐ **B) EBS**
 - ☒ **C) ECS**
 - ☐ **D) RDS**
 - ☒ **E) EKS**
-

Question #36 of 65

Question ID: 1455468

What is a required step for you to create a public subnet to use the Internet?

- X **A)** Remove an IGW from your Amazon VPC.
 - X **B)** Call AWS Support to activate this feature.
 - X **C)** Use a route table rule to send only local traffic to the IGW.
 - ✓ **D) Attach an Internet Gateway (IGW) to your VPC.**
-

Question #37 of 65

Question ID: 1455594

Your company wants to find the right AWS solution for running its Oracle database. It needs a solution that is highly available, fully managed, and automatically replicated. It does not want to have to perform patching and updates of the underlying database engine. Which would be the right choice for this requirement?

- ✓ **A) Amazon RDS**
 - X **B)** VMware Cloud on AWS
 - X **C)** Amazon EC2
 - X **D)** Storage Gateway
-

Question #38 of 65

Question ID: 1455508

Which of these will you use to achieve regulatory compliance on AWS by enforcing encryption for data at rest and in transit?

- X **A)** AWS Compliance Center
- X **B)** AWS Artifact
- ✓ **C) AWS IAM**
- X **D)** Security groups

Question #39 of 65

Question ID: 1455608

You need to select an AWS Support plan for your organization that will include a technical account manager for additional support. Which would be the most economical option in this scenario?

- ☒ **A) Enterprise**
 - ☐ **B) Business**
 - ☐ **C) Developer**
 - ☐ **D) Basic**
-

Question #40 of 65

Question ID: 1455466

If you want to access the Internet from your Amazon EC2 instance and not use a public IP address, which networking component would you use to access the Internet?

- ☐ **A) Amazon Route 53**
 - ☐ **B) Network Access Control List (ACL)**
 - ☒ **C) NAT gateway**
 - ☐ **D) Gateway type endpoint**
-

Question #41 of 65

Question ID: 1455477

When thinking about expenditure awareness, which component allows you to keep up with employees, project listings, and technology resources over time within the AWS infrastructure?

- ✓ **A) Entity lifecycle tracking**
 - X **B) Tagging**
 - X **C) Stakeholders**
 - X **D) Cost attribution**
-

Question #42 of 65

Question ID: 1455506

You are responsible for understanding the shared responsibility model. You need to articulate the difference between the responsibilities of the customer and AWS.

Under the shared responsibility model, which type of control is not considered a shared control?

- ✓ **A) Customer-specific controls**
 - X **B) Configuration Management controls**
 - X **C) Awareness and Training controls**
 - X **D) Patch Management controls**
-

Question #43 of 65

Question ID: 1455620

Which AWS framework pillar is built off protecting data, systems, and assets, while increasing business value using established mitigation strategies?

- X **A) Cost Optimization**

- X **B)** Operational Excellence
 - X **C)** Reliability
 - ✓ **D) Security**
-

Question #44 of 65

Question ID: 1455650

Your boss wants you to find an inexpensive cloud solution that will support a production environment longer than three years that uses a Linux platform.

What type of instance will meet this requirement?

- X **A)** Dedicated environment
 - X **B)** Spot Instance
 - X **C)** On-Demand Instance
 - ✓ **D) Reserved Instance**
-

Question #45 of 65

Question ID: 1455587

You are designing a photo and video sharing site using AWS, and you need to automatically filter out content that may be inappropriate. Which service can you use for this?

- X **A)** Comprehend
- X **B)** Fraud Detector
- ✓ **C) Rekognition**
- X **D)** DeepLens

Question #46 of 65

Question ID: 1455570

What DynamoDB feature is an in-memory caching component that delivers microsecond responses for its front-end applications?

- X **A)** Amazon DynamoDB Streams
- X **B)** Cross-Region replication
- X **C)** Amazon ElastiCache for Redis
- ✓ **D) DAX**

Question #47 of 65

Question ID: 1455603

Which of the following Amazon storage solutions protects your data in transit while exporting or importing your data?

- ✓ **A)** Amazon Snowball
- X **B)** Amazon Glacier
- X **C)** Amazon EBS
- X **D) Amazon S3**

Question #48 of 65

Question ID: 1455512

You need suggestions on system performance and underutilized resources and a way to find common security issues on your AWS cloud. Which of these will you use?

- X **A)** Amazon RDS
 - X **B)** Fleet
 - ✓ **C) Trusted Advisor tool**
 - X **D)** Amazon S3
-

Question #49 of 65

Question ID: 1455553

If you wanted to route Internet traffic to your specific domain, what AWS resource should you use?

- X **A)** Dynamic scaling
 - X **B)** HTTPS load balancers
 - X **C)** Internet-facing load balancers
 - ✓ **D) Amazon Route 53**
-

Question #50 of 65

Question ID: 1455496

Your company has asked to review its AWS Cloud deployment and find all the possible vulnerabilities that need to be addressed. Which two tasks are the responsibility of the company? (Choose two.)

- X **A) Securing network infrastructure**
- ✓ **B) Managing IAM user permissions**
- ✓ **C) Patching software on EC2 instances**
- X **D) Patching virtualization software for hypervisors**
- X **E) Securing data center perimeters**

Question #51 of 65

Question ID: 1455528

What type of internal Amazon user can be created to mimic a service, application, or person that has access to AWS resources?

- ☒ **A) IAM user**
 - ☐ **B) IAM group**
 - ☐ **C) Root user**
 - ☐ **D) Federated user**
-

Question #52 of 65

Question ID: 1455531

You are creating an IAM policy using the visual editor from the IAM console. Which two key components will you be prompted to provide?

- ☐ **A) Add a JSON policy document**
 - ☒ **B) Select an action**
 - ☒ **C) Choose a service**
 - ☐ **D) Choose a specific JSON tab**
 - ☐ **E) Remove access level groups**
-

Question #53 of 65

Question ID: 1455526

What type of storage option is a regional service that gives you the ability to store and manage files within the AWS cloud?

- X **A)** Amazon EBS
 - X **B)** Amazon ElastiCache
 - ✓ **C) Amazon EFS**
 - X **D)** AWS Storage Gateway
-

Question #54 of 65

Question ID: 1455612

Which Amazon Kinesis tool lets you create time-series analytics using standard SQL queries against real-time data?

- ✓ **A) Amazon Kinesis Data Analytics**
 - X **B)** Amazon Kinesis Video Streams
 - X **C)** Amazon Kinesis Data Firehose
 - X **D)** Amazon Kinesis Data Streams
-

Question #55 of 65

Question ID: 1455521

What third party encryption software can be used to encrypt data at rest on an Amazon EBS volume for both Linux and Windows operating systems?

- X **A) BitLocker**
- X **B)** AWS snapshots
- X **C)** Linux dm-crypt
- ✓ **D) TrueCrypt**

Question #56 of 65

Question ID: 1455515

What type of abuse is caused when an Amazon EC2 server is not patched and could be infected with a virus, worm, or Trojan horse?

- ☐ A) Unintentional abuse
 - ☒ B) **Compromised resource**
 - ☐ C) Secondary abuse
 - ☐ D) False complaints
-

Question #57 of 65

Question ID: 1455583

Which two functions can be performed using Amazon Route 53? (Choose two.)

- ☒ A) **Connects user requests to AWS infrastructure**
 - ☐ B) Create and manage cryptographic keys
 - ☐ C) Connect an on-premise data center directly to AWS via fibre optic cables
 - ☐ D) Access AWS security and compliance reports
 - ☒ E) **Transfer DNS records for domain names from other registrars**
-

Question #58 of 65

Question ID: 1455500

Your company has just hired you as an AWS resource. It is your responsibility to start working with AWS and to get multiple IT employees trained on how to properly use and support your AWS infrastructure.

Who is responsible for training your IT employees?

- ✓ **A)** The customer is responsible for training their IT employees.
 - X **B)** **AWS is responsible for training customers on only guest OSES and applications.**
 - X **C)** The customer is responsible for training AWS employees.
 - X **D)** AWS is responsible for training customers on the AWS infrastructure.
-

Question #59 of 65

Question ID: 1455556

Your current AWS architecture supports your production workload using both Reserved and On-Demand instances.

You are working on a new project that is going to potentially increase load production times by 20%. You also need to test your front-end application by enabling TLS 1.2 protocol settings.

What type of Amazon EC2 instance should you use to meet this requirement?

- X **A)** Dedicated host
 - X **B)** Reserved Instance
 - X **C)** **On-Demand Instance**
 - ✓ **D)** Spot Instance
-

Question #60 of 65

Question ID: 1455467

Which of the following statements is true when it comes to using route tables within your Virtual Private Cloud (VPC)?

- X **A)** Subnets are not used by AWS route tables.
 - X **B)** Customized route tables are not permitted.
 - ✓ **C) When your VPC is created, it automatically comes with a route table that can be modified.**
 - X **D)** For new VPC environments, you are required to create a route table.
-

Question #61 of 65

Question ID: 1455630

You are a sysops administrator, and you are in the process of moving several on-premises custom scripts to your AWS EC2 environment. These scripts manage several basic tasks that run on a Linux operating system and manage data within a file system, and also execute several unique reports. You are tasked with minimizing costs and also making sure these scripts are highly available.

What resource below would you choose to complete this task?

- X **A)** AWS CloudFront
 - X **B) AWS Direct Connect**
 - ✓ **C) AWS Lambda**
 - X **D)** Routing policy
-

Question #62 of 65

Question ID: 1455617

You are supporting a production AWS EC2 instance. You are notified that your AWS instance has a corrupted EBS volume. What AWS resource would graphically identify the issue and allow you to create and configure forward-looking notifications across multiple channels?

- X **A)** AWS Trusted Advisor
 - X **B)** AWS Inspector
 - ✓ **C) AWS Personal Health Dashboard**
 - X **D)** AWS Config
-

Question #63 of 65

Question ID: 1455589

You are creating a news reporting application and need a way to provide text-to-speech capabilities that has lifelike speech and can simulate accents. What would you use for this?

- X **A)** Forecast
 - ✓ **B) Polly**
 - X **C)** Deep Learning AMIs
 - X **D)** Translate
-

Question #64 of 65

Question ID: 1455560

Which two statements are true regarding AWS Regions and Availability Zones? (Choose two.)

- X **A)** An AZ can have no data centers.
- X **B)** An AZ can contain several Regions.
- ✓ **C) A Region can have several AZs.**
- X **D)** There is only one AZ in a Region.
- ✓ **E) Each AZ has several data centers.**

Question #65 of 65

Question ID: 1455507

Which two tasks can you complete using AWS Artifact? (Choose two.)

- X **A)** Manage multiple AWS accounts from one location
- X **B)** Review the full history of changes made to your application's data
- ✓ **C) Locate AWS compliance reports**
- ✓ **D) Access agreements made with AWS**
- X **E)** Create users to allow access to AWS resources